

OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

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December 5, 2012

Ms. Lynda Deschambault
Remedial Project Manager
U.S. Environmental Project Manager Agency-Region IX
75 Hawthorne Street (SFD-7-1)
San Francisco, CA 94105

Re: October 2012 Short Term Mitigation Air Sampling Report Submittal,
Omega Chemical Superfund Site, Whittier, California

Dear Ms. Deschambault:

Enclosed is the October 2012 Short Term Mitigation Air Sampling Report (STMAR) submittal for the Omega Chemical Superfund site. This data submittal is being transmitted in accordance Task 1 of Administrative Settlement Agreement and Order on Consent/Statement of Work (AOC/SOW), which became effective on November 9, 2009.

Should you have any questions, regarding the above, please contact me.

Sincerely,
Omega Chemical Site PRP Organized Group


Edward Modiano
Project Coordinator

cc: David Stensby, USEPA
Tom Perina, CH2MHIL
Sharon Wallin, CDMSmith
Stephanie Lewis, DTSC
Jaime Dinello, de maximis, inc.



111 Academy Way, Suite 150
Irvine, CA 92617
tel: 949-752-5452

December 5, 2012

Mr. Ed Modiano
de maximis, inc.
1322 Scott Street, Suite 104
San Diego, CA 92107

Subject: Short Term Mitigation Air Sampling Report for October 2012
Omega Chemical Superfund Site
CDM Smith Project No: 10500-90421.AOC.IAQ
CDM Smith File No: 10500-5.2.3

Dear Mr. Modiano:

On behalf of the Omega Chemical Site PRP Organized Group (OPOG), CDM Smith Inc. (CDM Smith) is submitting this Short Term Mitigation Air Sampling (STMAS) Report for the October 2012 sampling event. This report includes the analytical results for the monthly indoor air quality (IAQ) sampling, describes short-term mitigation measures in place, any changes or alterations, dates of operation, and recommended changes. This report was prepared in accordance with the Administrative Settlement Agreement and Order on Consent (AOC) for the Removal Action, which was effective November 9, 2009.

Sampling Date, Locations Sampled, Number of Samples

October 2012 monthly indoor air quality sampling. Twenty samples were collected on October 31, 2012 and sent to Eurofins Air Toxics (Air Toxics) for analysis. Two additional samples were collected as split samples for confirmatory analysis at a second laboratory (CalScience). The former Regional Occupational Program (ROP), former Women's and Children's Crisis Shelter (WCCS), and Fred R. Rippy (FRR) properties are sampled on a monthly basis. However, as discussed further in this report, the sampling frequency for ROP, WCCS, and FRR has been decreased to quarterly, as approved by EPA. Additionally, the Tomacico property was also sampled during this sampling event. Ambient air samples were also collected.

- ROP (six samples, including one split sample to Calscience)
 - ROP1 - Office (Room 207) - two samples (includes split sample)
 - ROP2 - Former Classroom (Room 104) - one sample



- ROP3 - Office (Room 108) - one sample
- ROP4 - Dental Annex - Former Lobby/Computer Area - one sample
- ROP5 - Dental Annex - Former Classroom - one sample
- WCCS (six samples, including one duplicate to Air Toxics)
 - WCCS2 - First floor in front of elevator - one sample
 - WCCS3 - First floor office - one sample
 - WCCS4 - First floor "Great Room" - one sample
 - WCCS6 - Second floor middle office 17 - one sample
 - WCCS7 - Second floor office 16 - two samples (includes duplicate)
- FRR (four samples, including one duplicate to Air Toxics)
 - FRR1 - First floor office - two samples (includes duplicate)
 - FRR2 - Production Area - one sample
 - FRR3 - Warehouse - one sample
- Tomacico (four samples, including one split sample to Calscience)
 - TOM1 - Office near reception area (Psoriasis Center) - two samples (includes split)
 - TOM2 - Suite B - one sample
 - TOM3 - Suite C - one sample
- Ambient Air (2 samples)
 - AA1 = Exterior fence between Terra Pave and Madsen - one sample
 - Note: Workers were in yard repairing gasoline powered painting equipment. Propane powered forklift operated in the area during the day as well as painting activities.
 - AA8 - Exterior fence between parking lots near Dental Annex - one sample

There was a slight southwestern breeze in the morning and a slight southwestern breeze during the day and during sample retrieval.

Figure 1 identifies and illustrates the indoor air sampling locations for ROP. Figures 2 and 3 identify and illustrate the indoor air sampling locations for WCCS. Figure 4 identifies and illustrates the indoor air sampling locations for FRR. Figure 5 identifies and illustrates the indoor air sampling locations for Tomacico. Figure 6 presents the ambient air samples locations for the October 2012 sampling event. Figure 7 illustrates the locations of the buildings sampled during the October 2012 sampling event. Figures are presented in Attachment A.

Building Conditions

Former ROP

- As requested by EPA, the property owner operated the HVAC system for 6 to 8 hours two days before the scheduled October 31st sampling event. After the HVAC system had operated for 6 to 8 hours, it was shutdown at close of business on October 29th and remained off for the following two days (October 30 and 31). The HVAC system was off during the time of sampling at the ROP and Dental Annex buildings.
- All former ROP buildings are currently vacant.
- The SSD system was off.
- The building's windows are sealed and cannot be opened.
- The door to Room 207 was open throughout the day.
- The door to Room 104 was open during sample placement and during the day.
- The door to Room 108 was open during sampling.
- The doors to the inner offices in the computer room/lobby area were open during sampling.
- The door to the training area classroom at the Dental Annex was open during sampling.

Former WCCS

- As requested by EPA, the HVAC system at former WCCS was operated similarly to the HVAC system at the former ROP property as noted above, prior to and during sampling.
- The former WCCS building is currently vacant.
- The door of the first floor office (northwest corner of the building) was open during sampling.

- Both sets of doors from the hallway to the first floor “Great Room” were open during sample placement and retrieval.
- The northwest corner office on the second floor (office number 16) is empty. The door to the office was open during sample placement and retrieval.
- The middle office on the second floor (office number 17) is empty. The door to the office was open during sample placement and retrieval.
- The elevator was not in use throughout the day.

FRR

- The HVAC system was in operation all day in the front office. There is no HVAC system in the warehouse.
- The doors and windows to the production area and outside were closed throughout the day in the front office.
- Roll up doors and overhead windows in the production area were open during the day. Large stand-up fans were running throughout the day.
- The warehouse rollup doors and doors to the outside were opened during sample placement and during the day, but closed during sample retrieval.

Tomacico (former Oncology Care)

- The HVAC system was in automatic operation all day in Suite A.
- The additional suites (Suites B and C) are unoccupied and currently vacant. The HVAC system was not in operation in Suites B and C.
- The Doctor’s office near the reception area was occupied at the time of canister placement and retrieval.
- Suite B was empty and unoccupied during the day. The door to the office was open during sampling.
- The sample for Suite C was placed in the waiting area, which is empty and unoccupied.
- No chemicals or remodeling supplies or chemicals (paints, cleaners, etc.) were noted in Suites B and C during the sampling event. It appeared that there had been some prior remodeling activities, however, no construction was ongoing at the time of sampling. According to the property owner, there are no plans to remodel Suites B and C until a tenant

has been identified. Some wood, nails, debris, old office furniture and other miscellaneous items were noted in Suites B and C at the time of sampling.

Current Short Term Mitigation Measures in Place

- The ISVE2 system began operation in the area of the former ROP, former WCCS, and FRR properties on a 24/7 basis on March 6, 2012.
- The ISVE1 system installed east of Putnam Street began operation at the Terra Pave, Bishop, and former Omega properties on a 24/7 basis on June 14, 2010.
- The HVAC system fans are currently operated on a 24/7 basis at the FRR property. Continuous operation of the HVAC system fans at the former WCCS and former ROP properties has been discontinued as both properties are currently vacant.

Indoor Air Analytical Results

As briefly described above, monthly IAQ samples were collected on October 31, 2012. The results for the sampled buildings are discussed below.

Table 1 in Attachment B presents the analytical results. The following provides a brief summary of these sampling results. Results are compared to EPA's Health Protective Screening Criteria (Tables 2 through 5). EPA defines the acceptable risk range as 10^{-4} to 10^{-6} lifetime cancer risk, with the 10^{-6} level defined as the Long-Term Health Protective Screening Criteria. EPA's Regional Screening Level (RSL) for TCE was revised in November 2011, with 300 ug/m³ as the new 10^{-4} screening cancer risk level for non-residential exposures and 3.0 ug/m³ as the new 10^{-6} screening cancer risk level for non-residential exposures. EPA's RSL for PCE was revised in May 2012, with 4,700 ug/m³ as the new 10^{-4} screening cancer risk level for non-residential exposures and 47 ug/m³ as the new 10^{-6} screening cancer risk level for non-residential exposures. Tables and graphs in Attachments B and C incorporate the revised criteria.

Former ROP

The PCE concentrations in Room 104 (0.39 ug/m³), Room 108 (0.41 ug/m³), Room 207 (0.38 ug/m³ [split sample result was 0.46 ug/m³]), Dental Annex Classroom (0.66 ug/m³), and the Dental Annex, former Lobby/Computer Area (0.67 ug/m³) were below the current Long-Term Health Protective Screening Criteria of 47 ug/m³ during the October sampling event. PCE was detected at a concentration of 0.29 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the October sampling event.

Former WCCS

The PCE concentrations in the first floor great room (0.63 ug/m³), first floor office (northwest corner of building) (0.61 ug/m³), first floor elevator lobby (0.62 ug/m³), second floor Office 16

(0.53 ug/m³ [duplicate sample result was 0.52 ug/m³]), and the second floor Office 17 (0.51 ug/m³) were below the current Long-Term Health Protective Screening Criteria of 47 ug/m³ during the October sampling event. Based on these data, it appears that the operation of the ISVE2 system has been effective at improving indoor air conditions. PCE was detected at a concentration of 0.29 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the October sampling event.

FRR

PCE concentrations in the front office (0.38 ug/m³ [field duplicate result was 0.34 ug/m³]), the production area (0.34 ug/m³), and the warehouse (0.35 ug/m³) were below the current Long-Term Health Protective Screening Criteria of 47 ug/m³ during the October sampling event. Based on these data, it appears that the operation of the ISVE2 system has been effective at improving indoor air conditions. PCE was detected at a concentration of 0.29 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the October sampling event.

Tomacico

PCE concentrations in the office by the reception area (0.40 ug/m³ [split sample result was 0.50 ug/m³]), Suite B (0.57 ug/m³), and Suite C (0.55 ug/m³) were below the current Long-Term Health Protective Screening Criteria of 47 ug/m³ during the October sampling event. Based on these data, it appears that the operation of the ISVE2 system has been effective at improving indoor air conditions. PCE was detected at a concentration of 0.33 ug/m³ from the ambient air sample from the exterior fence between Terra Pave and Madsen during the October sampling event.

Data Validation

Formal data validation was performed on the analytical results for the twenty samples analyzed by Air Toxics using the Level 4 data packages provided by the laboratory. Laboratory reports for the October 31, 2012 sampling event are presented in Attachment D with the validation report. Following validation, the project's analytical Access database was updated (including any data validation flags, if needed) and the attached summary table (Attachment B, Table 1) was generated.

All QC criteria evaluated during data validation of the VOC analyses were within acceptable limits, except for several analytes that were qualified based on duplicate and split sample imprecision and LCS/LSCD recoveries, which are discussed below.

The benzene and toluene result in the samples analyzed on November 6, 2012 will be qualified as estimated (flagged with a "J"), due to low LCS/LCSD percent recoveries. Due to field duplicate precision issues, the acetone and benzene results in the IAQ-WCCS7-103112 field duplicate pair will be qualified as estimated. Due to split sample precision issues, the benzene,

ethylbenzene, m,p-xlenes, and o-xlenes in the IAQ-TOM1-103112 split sample pair and acetone, ethylbenzene and o-xylene in the IAQ-ROP1-103112 split sample pairs will be qualified as estimated.

Interim SVE System Operation (ISVE)

ISVE₁

The ISVE₁ system, which is installed in the immediate vicinity of the Omega, Terra Pave and Bishop buildings, operated continuously during this reporting period, except during shutdowns for periodic maintenance activities. ISVE₁ system data are presented on a quarterly basis in the March, June, September and December Short Term Mitigation Air Sampling Reports. Therefore, the December 2012 Short Term Mitigation Air Sampling Report will include ISVE₁ system operation data, influence coverage analysis, mass removal estimates, and analytical results.

ISVE₂

The ISVE₂ system, which was installed in the immediate vicinity of the FRR, ROP and former WCCS buildings, began operation on March 6, 2012. ISVE₂ system data will be presented on a quarterly basis in the March, June, September and December Short Term Mitigation Air Sampling Reports. Therefore, the December 2012 Short Term Mitigation Air Sampling Report will include ISVE₂ system information.

Sub-Slab Depressurization Systems Operation

The SSD systems at ROP and WCCS are no longer in operation, as approved by EPA following installation and operation of the ISVE₂ system.

Changes or Alterations

- As noted in prior STMAS reports, WCCS staff vacated the building as of September 30, 2011. The building is currently unoccupied.
- According to FRR representatives, ROP staff vacated the premises on July 31, 2012 and the building is currently unoccupied.
- Based on the Omega Technical Memorandum Post-Mitigation Evaluation (CDM Smith, September 26, 2011), the ISVE₁ is achieving the objective of maintaining indoor air levels below the RSLs for the Terra Pave and Bishop buildings. Therefore, as approved by EPA, the sampling frequency at Terra Pave and Bishop was decreased from monthly to quarterly in September 2011. As a result, Terra Pave and Bishop are now sampled quarterly in March, June, September and December of each year. The last quarterly sampling event at Terra Pave and Bishop occurred on September 26, 2012, which also coincided with the semi-annual sampling event. The next quarterly sampling event at Terra Pave and Bishop will occur on December 21st.

- Based on the installation and operation of the ISVE2 system and the low concentrations inside the ROP, WCCS, and FRR buildings, a Pro-UCL statistical evaluation was performed in October 2012 following receipt and validation of the August IAQ results to evaluate a potential change in sampling frequency at these locations from monthly to quarterly. The evaluation also assessed a potential change in monitoring frequency from quarterly to semi-annually at the Terra Pave and Bishop properties, and was transmitted to EPA under separate cover on October 16, 2012. On November 16, 2012, EPA approved the reduction in sample frequency at ROP, WCCS, and FRR buildings from monthly to quarterly. Quarterly sampling at the ROP, WCCS, and FRR buildings will commence in December, and will be performed at the same time as the Terra Pave and Bishop quarterly sampling on December 21st.

Recommended Changes/Actions

- Although continued indoor air sampling of the FRR building is not required under the current AOC, OPOG has agreed to do so as required by EPA. Tenants at FRR have been requested by EPA to run the HVAC system 24/7, and to keep the windows open to the extent practicable. As EPA is aware, OPOG has installed an ISVE2 system in the immediate vicinity of the FRR, former ROP, and former WCCS buildings, which began operation on March 6, 2012.
- The October 2012 monthly indoor air sampling event occurred on October 31st, 2012, with samples collected from the ROP, WCCS, Tomacico (Former Oncology Care Medical Associates), and FRR properties. The Tomacico building could not be sampled during the September 26th, 2012 semi-annual sampling event, as the owners were out of town that week, therefore, the semi-annual sampling of the Tomacico building was performed during the October 31, 2012 monthly sampling event.
- As approved by EPA, the WCCS SSD system was turned off on December 20, 2011 and the ROP SSD system was turned off on August 6, 2012.
- Based on the demonstrated effectiveness of the ISVE1 system at reducing indoor air concentrations inside the Bishop building, it is recommended that 24/7/365 operation of the ventilation fans be discontinued.

Other Short Term Mitigation Measures Activities

None.

If you have any questions regarding this report, please feel free to call me at (949) 930-9866.

Sincerely,





Mr. Ed Modiano

December 5, 2012

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Sharon Wallin, P.G.
Project Manager
CDM Smith Inc.

Attachments

Attachment A:

Attachment A: Figures- IAQ Sample Location Maps

Figure 1 – ROP

Figures 2 and 3 - WCCS

Figure 4 – FRR

Figure 5 – Tomacico

Figure 6 – Ambient Air Sample Locations (October 2012)

Figure 7 – Indoor Air Quality Sample Locations

Attachment B: Tables

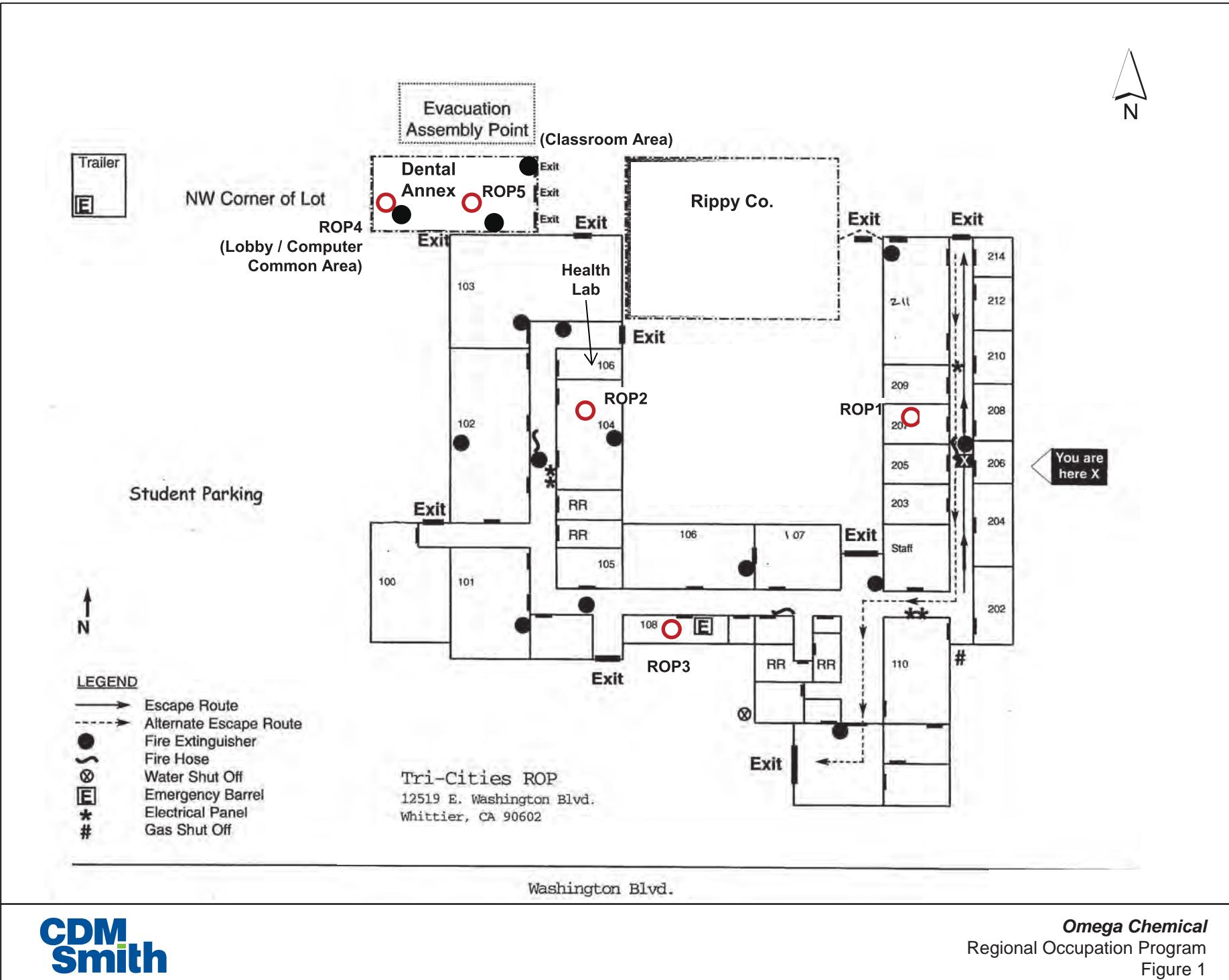
Table 1 - Analytical Summary Table

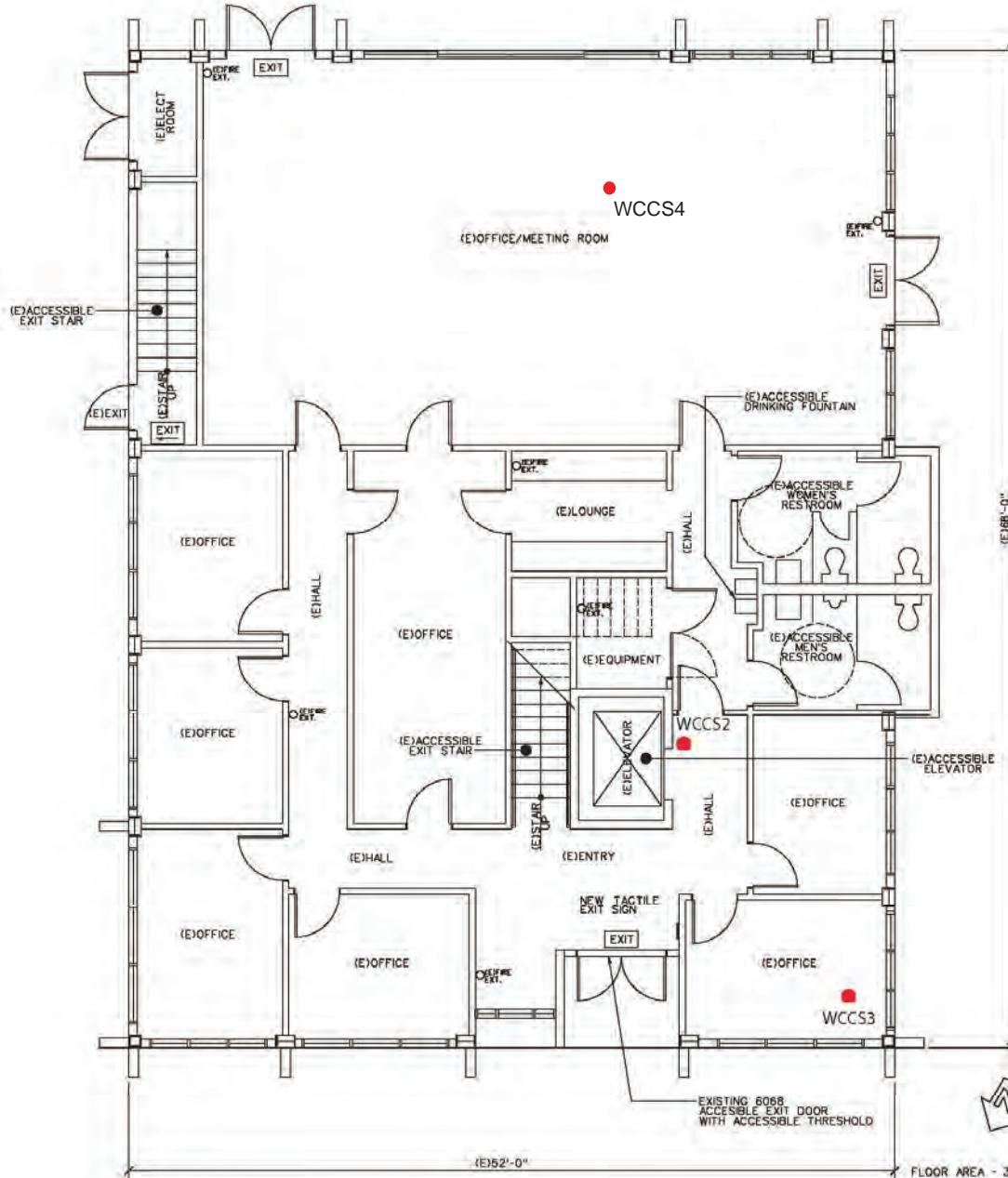
Tables 2 through 5- Comparison to Health Protective Screening Criteria

Attachment C: Graphs of TCE and PCE Concentrations (ROP, WCCS, FRR, and Tomacico)

Attachment D: Data Validation Memo and Laboratory Data Reports

Attachment A: Figures



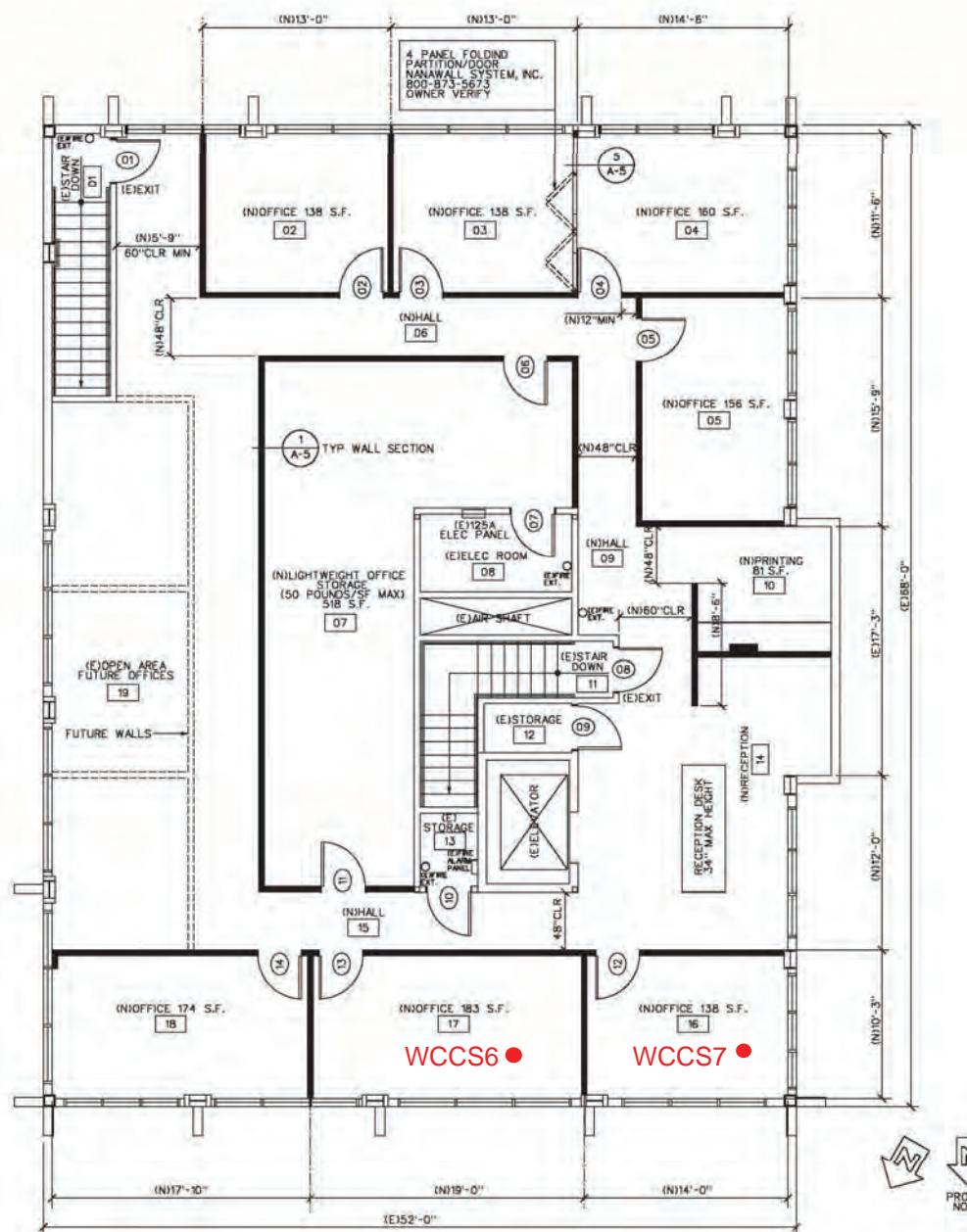


**CDM
Smith**

LEGEND:

● Sample Location

Omega Chemical
Former Women's and Children's Crisis Shelter – First Floor
Figure 2



**CDM
Smith**

LEGEND

Sample Location

Omega Chemical
Former Women's and Children's Crisis Center - Second Floor
Figure 3



Legend

[Pink Box] Omega Chemical Property

[Blue Box] Phase Ia Area

● Sample Location



0 25 50 100
Feet

**Omega Chemical
Fred R. Rippy -
Aerial View**

Figure 4

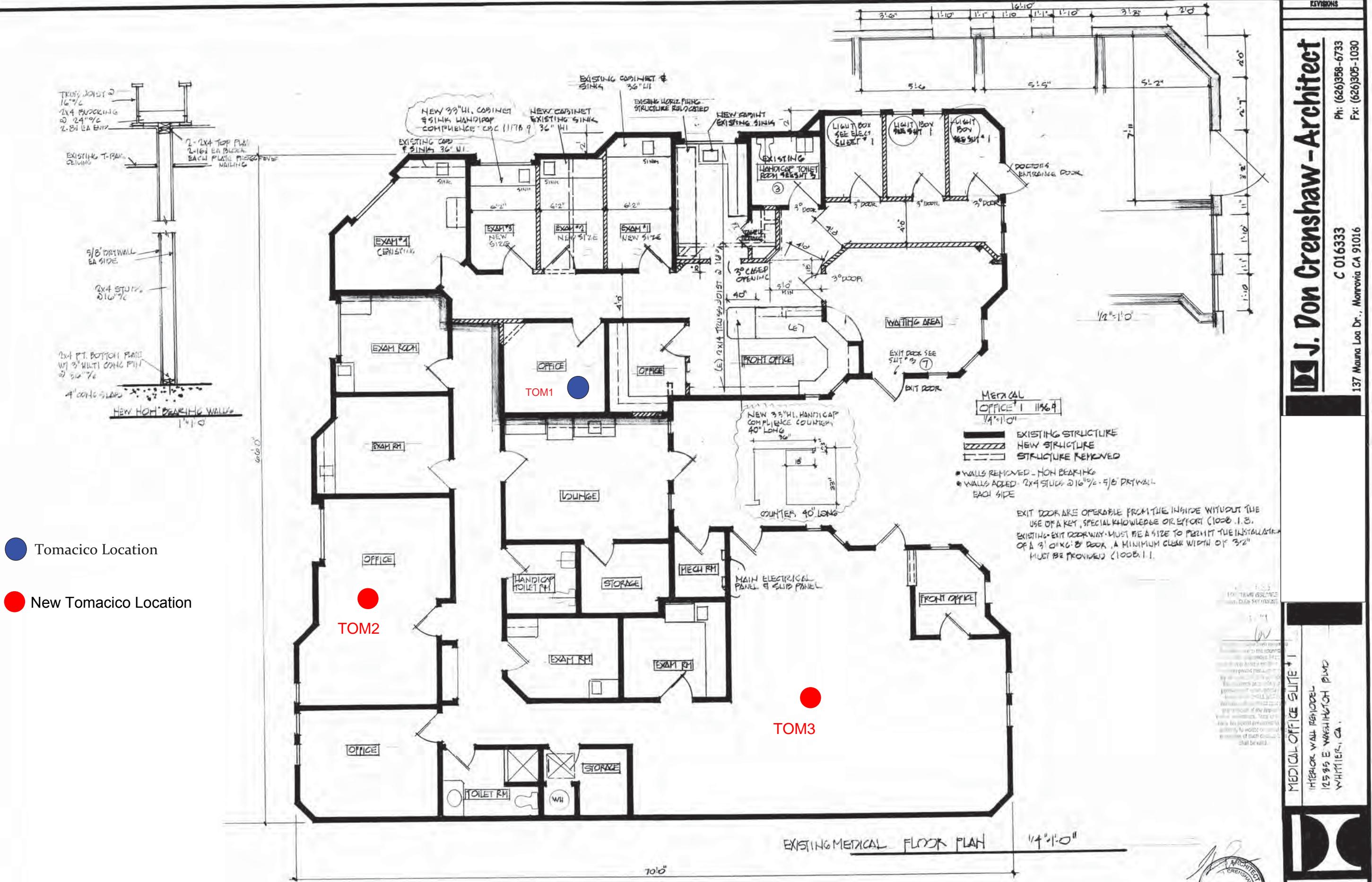


Figure 5



Legend

- Former Omega Chemical Facility (Pink Box)
- Former Building (Yellow Box)
- Ambient Air Sample Location (Red Square)
- Phase Ia Area (Blue Box)
- Other Buildings (Grey Box)

75 37.5 0 75
Feet

1 inch = 100 feet

Omega Chemical
Ambient Air Sample Locations
(October 2012)



Attachment B: Tables

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Ambient																								
Between Star City and 3 Kings																								
	05/11/04	ORIG	1.3 U	1 U	1 U	1 U	0.37 U	0.75 U	1.2 U	0.86 U	0.91 U	6.5 U	1.1 U	1.7	1.4 U	2.4	0.24 U	4000 E	1.5 U	6	0.79 J	2.8	1.2	3.4 U
Between Star City and Medlin & Son																								
	05/11/04	ORIG	1.2	1.1	1.1	0.3 U	0.66	0.22 U	0.5	0.25 U	0.27 U	1.9 U	0.33 U	1.7	1.8	2.6	0.07 U	28	0.82	7.8	0.63	2	0.77	0.98 U
	09/14/05	ORIG	1.7	0.4	0.2 U	0.2 U	0.45	0.15 U	0.62	0.17 U	0.18 U	1.3 U	0.22 U	2	1.5	1.8	0.048 U	46	0.86	4.6	0.63	2	0.51	0.67 U
	03/03/09	ORIG	0.91	0.24	0.19 U	0.19 U	0.27	0.14 U	0.52	0.16 U	0.17 U	1.3	0.21 U	2.2	1.1	2.5	0.045 U	44	1.4	7.4	0.92	3.1	1.1	0.63 U
	03/31/10	ORIG	2.1	0.17 U	0.2	0.18 U	0.1	0.16	0.38	0.15 U	0.16 U	1.1 U	0.19 U	1.1	0.78	2.1	0.041 U	11	0.53	1.4	0.18	0.54	0.18	0.58 U
	10/07/10	ORIG	0.43	0.18 U	0.19 U	0.19 U	0.21	0.14 U	0.44	0.16 U	0.16 J	1.2 U	0.2 U	1.2	0.98	2.5	0.044 U	26	0.96	2.9	0.41	1.1	0.38	0.62 U
	03/30/11	ORIG	0.32	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.45	0.15 U	0.17	2.7	0.2 U	1.6	0.59	2.7	0.043 U	24	1.3	4.9	0.57	1.7	0.56 J	0.6 U
	09/27/11	ORIG	0.5	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.49	0.18 U	0.28	5.2	0.23 U	1.6	0.55	2.7	0.049 U	72	1.7	6.7	1.2	4.1	1.5	0.69 U
	09/26/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.58	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.52	2.7	0.045 U	44	0.86	2.7	0.51	1.6	0.63	0.63 U
Bishop exterior fence																								
	09/08/06	ORIG	0.66	0.18 U	0.19 U	0.19 U	0.56	0.14 U	0.57	0.16 U	0.17 U	1.2 U	0.2 U	1.8	1.5	3	0.044 U	38	1	16	0.68	2	0.74	0.62 U
Exterior fence between Bishop and Skateland																								
	07/16/09	ORIG	0.79	0.2 U	0.2 U	0.2 U	0.27	0.15 U	0.59	0.17 U	0.18 U	1.3 U	0.5	1.4	0.69	2.4	0.047 U	26	1.7	7.2	1.3	2.6	0.85	0.66 U
	08/25/09	ORIG	1.3	0.38	0.19 U	0.19 U	0.57	0.14 U	0.51	0.8 U	0.26	1.2 U	1 U	1.8	1.3 U	2.3	0.045 U	55	2.1	9.4	0.83	2.4	0.95	0.63 U
	09/30/09	ORIG	1	0.28	0.21 U	0.21 U	0.35	0.15 U	0.62	0.18 U	0.19 U	1.3 U	0.23 U	1.5	1.5 J	2.7	0.049 U	12	0.82	5.8	0.31	0.72	0.26	0.69 U
	10/29/09	ORIG	0.8	0.58	0.21 U	0.21 U	0.2 J	0.15 U	0.51	0.18 U	0.19 U	1.3 U	0.23 U	1.5	3.7	2.3	0.049 U	11	1.4	6.5	0.52	1.5	0.5	0.69 U
	11/24/09	ORIG	1.3	0.29	0.21 U	0.21 U	0.45	0.15 U	0.45	0.18 U	0.22	1.3 U	0.23 U	1.6	1.2	2.5	0.049 U	20	1.7	8.6	1	2.9	1.1	0.69 U
	12/28/09	ORIG	1.3	0.18 U	0.19 U	0.19 U	0.56	0.14 U	0.47	0.16 U	0.17 U	1.2 U	0.21 U	1.7	1.2	2.5 J	0.044 U	28	0.76	2.4	0.39	1.2	0.39	0.62 U
	01/27/10	ORIG	0.46	0.2 U	0.21 U	0.21 U	0.18	0.15 U	0.56	0.18 U	0.19 U	24	0.23 U	1.6	0.67	2.5	0.049 U	10	0.74	5.3	0.36	0.96	0.28	0.69 U
	02/24/10	ORIG	0.55	0.17 U	0.18 U	0.18 U	0.29	0.13 U	0.54	0.15 U	0.16 U	1.2	0.19 U	1.6	0.92	2.7 J	0.041 U	14	1.2	7.8	0.52	1.7	0.55	0.58 U
	03/31/10	ORIG	0.45	0.18 U	0.18 U	0.18 U	0.3	0.15	0.42	0.15 U	0.16 U	1.1 U	0.19 J	1.2	0.84	2.2	0.042 U	6.7	0.45	1.1	0.17	0.4	0.14 U	0.59 U
	04/28/10	ORIG	4.8 U	3.8 U	3.9 U	3.9 U	1.4 U	2.9 U	4.5 U	3.3 U	3.5 U	25 U	4.3 U	4 U	5.5 U	3.5 U	0.92 U	42 U	5.7 U	30	3.1 U	6.2 U	3.1 U	13 U
	06/18/10	ORIG	0.24 U	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.22 U	1.4	0.62	2.4	0.046 U	23	0.39	4.6	0.16 U	0.31 U	0.16 U	0.64 U
	06/24/10	ORIG	0.3	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.22 U	1.7	0.64	2.7	0.046 U	26	0.64	5.1	0.17	0.35	0.16 U	0.64 U
	07/08/10	ORIG	0.27	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.41	0.16 U	0.17 U	2.1	0.21 U	1.4	0.6	2.7	0.045 U	22	0.62	2.8	0.16	0.35	0.17	0.63 U
Exterior fence between parking lots near Dental Annex																								
	05/27/10	ORIG	0.77	0.91	0.2 U	0.2 U	0.37 J	0.15 U	0.53	0.17 U	0.18 U	1.3 U	0.22 U	1.7	1.1	2.9	0.047 U	16	0.62	2.1	0.36	0.98	0.32	0.66 U
	07/01/10	ORIG	0.42	0.38	0.2 U	0.2 U	0.11	0.15	0.42	0.16 U	0.19	1.4	0.22 U	1.8	0.73	2.7	0.046 U	21	0.95	2.6	0.25	0.57	0.19	0.64 U
	07/28/10	ORIG	0.38	0.41	0.18 U	0.18 U	0.064 U	0.13 U	0.48	0.15 U	0.16 U	1.1	0.19 U	1.2	0.54	2	0.041 U	21	0.58	1.8	0.29	0.68	0.25	0.58 U
	08/27/10	ORIG	0.49	0.15 U	0.15 U	0.15 U	0.081	0.11 U	0.41	0.13 U	0.18	1	0.17 U	1.7 J	0.66	2.2	0.036 U	17	1.2	3.6	0.36	0.83	0.3	0.5 U
	10/07/10	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.21 U	1.7	0.66	2.6	0.045 U	14	0.62	1.8	0.22	0.57	0.2	0.63 U
	10/27/10	ORIG	0.66	0.18 U	0.19 U	0.19 U	0.13	0.14 U	0.32	0.16 U	0.17 U	17	0.2 U	1.2	0.9	2.5	0.044 U	12	0.44	9.1	0.39	0.63	0.18	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	11/30/10	ORIG	0.29	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.46 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.73	2.4	0.049 U	12	0.97	2.2	0.35	0.99	0.3	0.69 U
	12/28/10	ORIG	0.49	0.21 U	0.21 U	0.21 U	0.078 U	0.22	0.5 J	0.18 U	0.24	1.4 U	0.24 U	1.6	0.62	2.8	0.05 U	27	1.1	9.3	0.51	1.3	0.32	0.71 U
	01/26/11	ORIG	0.36	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.48 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.6	2.6	0.049 U	20	1	3.4	0.41	1.2	0.34	0.69 U
	02/28/11	ORIG	0.19 U	0.15 U	0.15 U	0.15 U	0.055 UJ	0.11 U	0.28	0.13 U	0.14 U	0.96 U	0.17 U	1.3	0.62	2.5	0.036 U	12	0.96	2.3	0.35	1	0.33	0.5 U
	03/30/11	ORIG	0.34	0.19 U	0.2 U	0.2 U	0.071 U	0.15	0.49	0.16 U	0.18	1.2	0.22 U	1.6	0.59	2.6	0.046 U	18	1.2	3.8	0.5	1.4	0.45 J	0.64 U
	04/29/11	ORIG	0.32	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.46	0.16 U	0.17 U	1.2 U	0.2 UJ	1.8	0.58	2.8	0.044 U	25	0.56	1.3	0.14 J	0.34	0.16	0.62 U
	05/31/11	ORIG	0.3	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.54 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.65	2.7	0.045 U	12	0.85	2.3	0.28	0.81	0.31 J	0.63 U
	06/29/11	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.074 U	0.15 U	0.52	0.17 U	0.18 U	1.3 U	0.22 UJ	1.2	0.56	2.5	0.048 U	13	0.59	1.8	0.29	0.84	0.32	0.67 U
	07/27/11	ORIG	0.34	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.54	0.15 U	0.16 U	1.2 U	0.2 UJ	1.3 J	0.52	2.5	0.043 U	12	0.39	1	0.18	0.5	0.19	0.6 U
	08/31/11	ORIG	0.37	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.22 UJ	2	0.61	3.1	0.046 U	17	0.53	1.5	0.22	0.54	0.2	0.64 U
	09/27/11	ORIG	0.54	0.22 U	0.22 U	0.22 U	0.082 U	0.18 J	0.43	0.19 U	0.22	1.4 U	0.25 U	1.4	0.56	2.5	0.053 U	32 J	1.4	4.4 J	0.68 J	1.9 J	0.93 J	0.74 U
	09/27/11	DUP	0.48	0.17 U	0.17 U	0.17 U	0.063 U	0.38 J	0.51	0.14 U	0.25	3.4	0.19 U	1.4	0.6	2.4	0.04 U	47 J	1.3	8.1 J	1.6 J	4.4 J	1.4 J	0.57 U
	10/28/11	ORIG	0.44	0.15 U	0.16 U	0.16 U	0.057 U	0.16	0.44	0.13 U	0.26	1	0.17 U	1.4	0.65	2.7	0.037 U	36	2	6.6	0.96	3.5	1.3	0.52 U
	11/30/11	ORIG	0.58	0.18	0.19 U	0.19 U	0.068 U	0.17	0.47	0.16 U	0.25	1.4	0.2 UJ	1.3	0.57	2.4	0.044 U	38	1.9	6.4	0.97	3.1	1.1	0.62 U
	12/21/11	SPLIT	0.59	0.085	0.22 U	0.22 U	0.079 U	0.16 U	0.57 J	0.18 U	0.23 J	1.4 U	0.24 U	1.5	0.66	2.8	0.051 U	24 J	1.9 J	5.6 J	1.1	3.1 J	1.3	0.72 U
	12/21/11	ORIG	0.71	0.18 U	0.18 U	0.18 U	0.07	0.21	0.84 J	0.15 U	0.43 J	1.1 U	0.2 U	1.4	0.66	2.7	0.042 U	30 J	2.8 J	8 J	1.3	4.4 J	1.5	0.59 U
	01/31/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.52	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.57	2.5	0.043 U	7.2	0.66	1.8	0.26	0.85	0.3	0.61 U
	02/29/12	ORIG	1.3	0.2	0.19 U	0.19 U	0.23	0.14 U	0.46	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.68	2.5	0.044 U	10	1	2.7	0.44 J	1.3 J	0.46 J	0.62 U
	03/29/12	ORIG	0.82	0.18 U	0.19 U	0.19 U	0.3	0.14 U	0.66	0.16 U	0.17 U	1.2 UJ	0.2 U	1.5	0.58	2.4	0.044 U	9	0.67	2	0.28	0.89 J	0.3 J	0.62 U
	04/30/12	SPLIT	0.38	0.054 U	0.11 U	0.11 U	0.63	0.072	0.51	0.092 U	0.11	0.69 U	0.12 U	1.6	0.58	2.3 J	0.026 U	9 J	0.69	1.5	0.3	0.87	0.34	0.36 U
	04/30/12	ORIG	0.33	0.18 U	0.19 U	0.19 U	0.82	0.14 U	0.46	0.16 U	0.17 U	1.2 U	0.2 U	1.5	0.62	0.17 UJ	0.044 U	15 J	0.56	1.4	0.23	0.63	0.3	0.62 U
	05/30/12	SPLIT	0.34	0.064 U	0.13 U	0.13 U	0.047 U	0.073	0.55	0.11 U	0.11	0.83 U	0.14 U	1.3	0.67	2.6	0.03 U	7.4	0.55	1.7 J	0.29	0.81	0.34	0.43 U
	05/30/12	ORIG	0.26 U	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.43	0.18 U	0.19 U	1.3 U	0.23 U	1.1	0.52	2.2	0.049 U	8	0.38	0.72 J	0.16 U	0.33 U	0.16 U	0.69 U
	06/27/12	ORIG	0.29	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.37 J	0.16 U	0.17	1.2 U	0.21 U	1.1	0.54	2	0.045 U	12	0.81	2.6	0.44	1.3	0.49	0.63 U
	07/31/12	ORIG	0.22 U	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.3	0.15 U	0.16 U	4.7	0.2 U	1.2	0.51	2.3	0.042 U	17	0.69	5.6	1.4	5.6	1.8	0.59 U
	08/30/12	ORIG	0.26 U	0.21 U	0.21 U	0.21 U	0.2	0.16 U	0.44	0.18 U	0.19 U	1.4 U	0.24 U	1.2	0.51	2.2	0.05 U	14	0.63	1.9	0.35	1	0.39	0.71 U
	09/26/12	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.21	0.15 U	0.6	0.17 U	0.18 U	1.3 U	0.22 U	1.4	0.53	3	0.048 U	18	0.8	2.2	0.38	1.1	0.43	0.67 U
	10/31/12	ORIG	0.29	0.19 U	0.19 U	0.19 U	0.16	0.14 U	0.53	0.16 U	0.26	2.7	0.21 U	1.4	0.54	2.6	0.045 U	22	1.4	3.8	0.73	2.3	0.88	0.63 U
Exterior fence between Terra Pave and Madsen Roofing																								
	07/23/08	ORIG	1.3	0.25	0.2 U	0.2 U	0.074 U	0.15 U	0.44	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.96	2.3	0.048 U	15	1	4.8	0.64	2	0.65	0.67 U
	03/03/09	ORIG	1.2	0.29	0.2 U	0.2 U	0.17	0.15 U	0.51	0.17 U	0.18 U	1.3 U	0.22 U	2.5	0.77	2.4	0.048 U	32	1.4	19	0.61	2	0.75	0.67 U
	07/16/09	ORIG	1.1	0.18 U	0.19 U	0.19 U	0.084	0.14 U	0.57	0.16 U	0.17 U	1.2 U	0.2 U	1.6	0.56	2.5	0.044 U	48	1.2	19	0.51	1.3	0.45	0.62 U
	08/25/09	ORIG	7.9	0.86	0.86 U	0.86 U	0.52	0.64 U	0.99 U	0.73 U	0.77 U	5.5 U	0.95 U	2.2	1.4	3	0.2 U	870 E	3.5	410	2.1	7.2	2.4	2.8 U
	09/30/09	ORIG	4.5	0.47	0.4 U	0.4 U	0.41	0.3 U	0.63	0.34 U	0.36 U	2.5 U	0.44 U	1.6	1.3 J	2.9	0.093 U	31	2.3	20	3.5	13	4.5	1.3 U
	10/29/09	ORIG	9.1	0.78	0.38 U	0.38 U	0.53 J	0.28 U	0.52	0.32 U	0.34 U	3.1	0.42 U	1.8	5	2.7	0.089 U	250 E	2.5	170	2.1	6.7	2.4	1.3 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
11/24/09	ORIG		8.7	0.66	0.2 U	0.2 U	0.72	0.15 U	0.46	0.17 U	0.18 U	2.8	0.22 U	1.3	1.3	2.5	0.048 U	32	7.3	40	10	40	12	0.67 U
12/28/09	ORIG		1.9	0.19 U	0.19 U	0.19 U	0.22	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	1.5	0.82	2.4	0.045 U	140 E	0.89	3.5	2.4	7.8	2	0.63 U
01/27/10	ORIG		3	0.28	0.21 U	0.21 U	0.28	0.15 U	0.48	0.18 U	0.19 U	2.7	0.23 U	1.6	0.73	2.5	0.049 U	16	1.1	4.7	1	3.4	1.2	0.69 U
02/24/10	ORIG		2.8	0.43	0.16 U	0.16 U	0.24	0.12 U	0.51	0.14 U	0.15 U	1.8	0.18 U	1.5	0.77	2.9 J	0.039 U	130 E	1.8	32	3.6	17	6.8	0.55 U
03/31/10	ORIG		5.1	0.37	0.19 U	0.19 U	0.46	0.2	0.41	0.16 U	0.17 U	2.1	0.21 U	1.1	0.87	2.1	0.045 U	12	6.6	38	5.3	24	6.7	0.63 U
04/28/10	ORIG		2.4	0.34	0.18 U	0.18 U	0.22 J	0.14 U	0.4	0.15 U	0.16 U	7.2	0.2 U	1.2	0.78 J	2.4	0.043 U	16	0.4	4.8	0.14 J	0.38	0.14 U	0.6 U
05/27/10	ORIG		0.99	0.18 U	0.19 U	0.19 U	0.31	0.14 U	0.55	0.16 U	0.17 U	1.2 U	0.2 U	1.8	1.1	3.1	0.044 U	17	1.1	4.5	0.65	1.8	0.58	0.62 U
06/18/10	ORIG		0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.56	2.3	0.044 U	31	1	5.1	0.5	1.4	0.45	0.62 U
06/24/10	ORIG		0.32	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.22 U	1.5	0.57	2.4	0.046 U	25	1.9	6.6	0.53	1.5	0.5	0.64 U
07/01/10	ORIG		0.34	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.17 U	1.9	0.21 U	1.7	0.66	2.6	0.045 U	62	2.1	8.4	0.71	2	0.68	0.63 U
07/08/10	ORIG		0.23	0.18 U	0.18 U	0.18 U	0.067 U	0.14 UJ	0.42	0.15 U	0.16 U	1.9	0.2 U	1.7	0.68	2.7	0.043 U	33	0.9	3	0.31	0.82	0.28	0.6 U
07/28/10	ORIG		0.36	0.15 U	0.15 U	0.15 U	0.055 U	0.11 U	0.42	0.13 U	0.14 U	1.2	0.17 U	1.3	0.46	2	0.036 U	17	1.9	7.2	1	3.7	1.4	0.5 U
08/27/10	ORIG		0.34	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.42	0.16 U	0.17 U	1.3	0.22 U	1.6 J	0.67	2.4	0.046 U	14	1.6	5.9	0.52	1.3	0.42	0.64 U
10/27/10	ORIG		0.25 U	0.2 U	0.2 U	0.2 U	0.074 U	0.15 U	0.45	0.17 U	0.18 U	1.3 U	0.22 U	1.4	2.1	2.5	0.048 U	10	0.48	1.3	0.31	1.1	0.39	0.67 U
11/30/10	ORIG		0.47	0.19 U	0.19 U	0.19 U	0.069 U	0.18	0.46 J	0.16 U	0.17 U	1.2 U	0.21 U	1	0.55	2.3	0.045 U	130 E	3.5	14	2.4	8.7	2.9	0.63 U
12/28/10	ORIG		0.51	0.2 U	0.21 U	0.21 U	0.076 U	0.2	0.45 J	0.18 U	0.19 U	1.3 U	0.23 U	1.6	0.61	2.8	0.049 U	18	1.1	9.6	0.5	1.4	0.47	0.69 U
01/26/11	ORIG		0.6	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.46 J	0.15 U	0.16 U	2.3	0.2 U	1.3	0.56	2.5	0.043 U	170 E	4.1	32	2.5	9.1	2.6	0.6 U
02/28/11	ORIG		0.34	0.18 U	0.18 U	0.18 U	0.065 UJ	0.14	0.48	0.15 U	0.16 U	3.6	0.2 U	1.2	0.57	2.4	0.042 U	260 E	3.5	63	4.9	14	3.2	0.59 U
04/29/11	ORIG		0.3	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.42	0.16 U	0.17 U	1.2	0.2 UJ	1.9	0.63	2.8	0.044 U	10	0.92	2.8	0.32	0.9	0.28	0.62 U
05/31/11	ORIG		0.74	0.19 U	0.19 U	0.19 U	0.087	0.15 J	0.52 J	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.64	2.6	0.045 U	15	3.7	15	1.4	4.9	1.5 J	0.63 U
06/29/11	ORIG		0.41	0.17 U	0.17 U	0.17 U	0.062 U	0.13 U	0.57	0.14 U	0.15 U	2.3	0.19 UJ	1.1	0.36	2.6	0.04 U	20	6.1	31	5.8	22	8	0.56 U
07/27/11	ORIG		0.4	0.19 U	0.2 U	0.2 U	0.071 U	0.16	0.49	0.16 U	0.17 U	1.2 U	0.22 UJ	1.2 J	0.51	2.3	0.046 U	7.7	1.6	4.2	0.51	1.7	0.58	0.64 U
08/31/11	ORIG		0.67	0.21 U	0.21 U	0.21 U	0.087	0.16 U	0.58	0.18 U	0.19 U	1.4 U	0.23 UJ	1.6	0.64	2.9	0.05 U	24	2.4	25	5.7	25	8.2	0.7 U
10/28/11	ORIG		0.53	0.2 U	0.2 U	0.2 U	0.072 U	0.16	0.4	0.17 U	0.24	1.4	0.22 U	1.4	0.59	2.5	0.047 U	32	4.4	21	3.6	15	5.2	0.66 U
11/30/11	ORIG		0.53	0.22 U	0.22 U	0.22 U	0.08 U	0.18	0.45	0.18 U	0.25	1.5	0.24 UJ	1.4	0.55	2.4	0.051 U	39	4	13	1.7	5.6	2	0.72 U
12/21/11	ORIG		0.43 J	0.35 U	0.35 U	0.35 U	0.13 U	0.47	0.78	0.3 U	0.32 U	2.2 U	0.39 U	1.4	0.63	2.6	0.083 U	410 E	5	29	36	160	59	1.2 U
01/31/12	ORIG		0.24 U	0.19 U	0.19 U	0.19 U	0.07 U	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.56	2.3	0.045 U	7.9	2.6	16	2.2	9	2.7	0.63 U
02/29/12	ORIG		0.31	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.52	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.67	2.6	0.044 U	20	2.2	18	4.2 J	18 J	6.2 J	0.62 U
03/28/12	ORIG		0.22 U	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.78	0.15 U	0.19	1.1 UJ	0.2 U	1.3	0.62	2.3	0.042 U	8.5	3.4	32	5	20	6.2 J	0.59 U
06/27/12	ORIG		0.42	0.18 U	0.18 U	0.18 U	0.067 U	0.23	0.42 J	0.16 U	0.18	1.2 J	0.2 U	1.1	0.5	2	0.043 U	20	1.9	52	10	36	11	0.61 U
07/31/12	ORIG		0.25 U	0.2 U	0.2 U	0.2 U	0.072 U	0.15 U	0.39	0.17 U	0.18 U	1.3 U	0.22 U	1.2	0.52	2.3	0.047 U	14	1.9	7.4	1	3.5	1.3	0.66 U
08/30/12	ORIG		0.27 U	0.22 U	0.22 U	0.22 U	0.08 U	0.16 U	0.44	0.18 U	0.2 U	1.4 U	0.24 U	1.2	0.53	2.4	0.051 U	18	3.2	45	12	42	15	0.72 U
09/26/12	ORIG		0.58 U	0.46 U	0.47 U	0.47 U	0.17 U	0.35 U	0.54 U	0.39 U	0.42 U	3 U	0.51 U	1.4	0.66 U	3	0.11 U	2400 E	4.2	29	6.3	24	8.9	1.5 U
10/31/12	ORIG		0.33	0.19 U	0.19 U	0.19 U	0.07 U	0.14 U	0.61	0.16 U	0.17 U	1.5	0.21 U	1.4	0.56	2.6	0.046 U	25	3.4	14	2	6.9	2.5	0.64 U

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Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Former 3 Kings rooftop, southwest corner																								
	09/27/11	ORIG	0.5	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.51	0.18 U	0.26	2	0.23 U	1.5	0.53	2.6	0.049 U	42	1.5	4.8	0.75	2.2	0.84	0.69 U
Former Merchants Metals parking lot																								
	05/11/04	ORIG	0.6	0.23	0.2 U	0.2 U	0.074 U	0.15 U	0.58	0.17 U	0.18 U	1.3 U	0.4	1.6	0.73	2.6	0.048 U	15	1	5.1	0.78	2.3	0.87	0.67 U
	12/21/11	ORIG	0.5	0.17 U	0.17 U	0.17 U	0.062	0.23	0.85	0.14 U	0.19	1.1 U	0.19	1.3	0.78	2.7	0.04 U	23	2.6	7.6	1.2	4.3	1.5	0.56 U
FRR parking lot by warehouse door and employee break area																								
	01/09/12	ORIG	1.1	0.21	0.22 U	0.22 U	0.41	0.16 U	0.55	0.18 U	0.21	1.4 U	0.24 U	1.4	0.86	2.5	0.051 U	29	2.4	11	1.4	3.8	1.3	0.72 U
JHA trailer rooftop, southeast corner																								
	09/27/11	SPLIT	0.59	0.15	0.27 U	0.27 U	0.099 U	0.2 U	0.54	0.23 U	0.31	1.7 U	0.3 U	1.3	0.72	3.2 J	0.064 U	38	1.8	6.9 J	0.82	2.6 J	1.5 J	0.9 U
	09/27/11	ORIG	0.52	0.21 U	0.21 U	0.21 U	0.078 U	0.18	0.45	0.18 U	0.26	1.6	0.24 U	1.5	0.54	2.5 J	0.05 U	38	1.5	4.6 J	0.69	1.9 J	0.75 J	0.71 U
Kaiser parking lot across from NW corner of Medlin South																								
	12/21/11	ORIG	0.34	0.19 U	0.19 U	0.19 U	0.069 U	0.19	0.78	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.6	2.7	0.045 U	18	1.7	4.6	0.81	2.6	0.91	0.63 U
Medlin & Son roof intake																								
	05/11/04	ORIG	0.55	0.2 U	0.2 U	0.2 U	0.15	0.15 U	0.59	0.17 U	0.18 U	2.1	0.22 U	1.9	1.3	3.4	0.046 U	19	0.91	5.5	0.79	2.1	0.8	0.66 U
Northeast corner of ROP rooftop																								
	09/27/11	ORIG	2.1	0.2	0.2 U	0.2 U	0.4	0.17	0.48	0.17 U	0.3	1.9	0.22 U	1.6	0.73	2.4	0.048 U	32	1.8	5.3	0.86	2.8	1.2	0.67 U
	10/28/11	ORIG	1.7	0.2 U	0.2 U	0.2 U	0.27	0.17	0.51	0.17 U	0.25	1.7	0.22 U	1.5	0.79	2.7	0.047 U	30	2	6.3	0.97	3.4	1.2	0.66 U
	11/30/11	ORIG	1.9	0.22	0.19 U	0.19 U	0.24	0.17	0.46	0.16 U	0.25	1.4	0.21 UJ	1.3	0.8	2.3	0.045 U	36	1.8	6	0.89	2.8	1	0.63 U
	12/21/11	ORIG	0.9	0.18 U	0.19 U	0.19 U	0.1	0.24	0.88	0.16 U	0.17	1.2 U	0.21 U	1.4	0.68	2.9	0.044 U	17	2.5	7	1.2	3.7	1.3	0.62 U
	01/31/12	ORIG	0.72	0.19 U	0.19 U	0.19 U	0.11	0.14 U	0.56	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.75	2.7	0.045 U	6.6	0.75	1.8	0.27	0.9	0.34	0.63 U
Oncology Care Rooftop																								
	09/08/06	ORIG	0.32	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.53	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.74	2.7	0.045 U	38	1.2	4.4	0.87	2.9	1.1	0.63 U
Outside rear of Madsen Roofing building by AC intake																								
	07/23/08	ORIG	0.99	0.23 U	0.23 U	0.23 U	0.18	0.17 U	0.45	0.2 U	0.21 U	1.5 U	0.25 U	1.3	1.2	2.4	0.054 U	18	1.2	6.6	1.3	3.7	0.95	0.76 U
Rippy Parking Lot																								
	05/11/04	ORIG	0.86	0.48	0.2 U	0.2 U	0.16	0.15 U	0.5	0.17 U	0.18 U	1.3 U	0.22 U	1.7	1.1	2.7	0.048 U	19	1.3	6.7	1.4	5	1.9	0.67 U
	05/11/04	DUP	0.57	0.42	0.16 U	0.16 U	0.12	0.12 U	0.6	0.14 U	0.14 U	1 U	0.18 U	1.8	1.1	2.9	0.038 U	14	0.9	3.3	0.47	1.5	0.52	0.54 U
	09/14/05	ORIG	0.84	0.42	0.2 U	0.2 U	0.13	0.15 U	0.63	0.17 U	0.18 U	1.3 U	0.22 U	1.8	1.4	2	0.047 U	14	0.99	3.7	0.45	1.3	0.45	0.66 U
ROP rooftop, centered on roof on eastern side of building																								
	09/27/11	ORIG	1.7	0.2 U	0.2 U	0.2 U	0.31	0.18	0.51	0.17 U	0.33	2.1	0.22 U	1.6	0.73	2.6	0.048 U	39	1.8	5.5	0.87	2.8	1.3	0.67 U
Same Day Surgery Center parking lot																								
	05/30/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.47	0.16 U	0.17 U	1.2 U	0.2 U	1.2	0.5	2.2	0.044 U	9	0.79	2.1	0.39	1.2	0.46	0.62 U
Skateland - adjacent to front door																								
	08/04/04	ORIG	1.2	0.26	0.19 U	0.19 U	0.58	0.14 U	0.72	0.16 U	0.17 U	1.5	0.22	2.1	2.6	3.4 J	0.044 U	61	1.6	5.7	1	3.6	1.8	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Skateland - adjacent to sewer manhole																								
	08/04/04	ORIG	1.7	0.22	0.2 U	0.2 U	0.89	0.15 U	0.61	0.17 U	0.18 U	1.8	0.22 U	2	1.8	3.5 J	0.048 U	34	1.7	5.3	0.85	2.2	0.9	0.67 U
Southeast corner of ROP rooftop																								
	09/27/11	ORIG	0.78	0.2 U	0.2 U	0.2 U	0.094	0.15 U	0.48	0.17 U	0.32	2.2	0.24	1.5	0.6	2.6	0.048 U	34	1.9	5.7	0.91	2.8	1.2	0.67 U
	10/28/11	ORIG	1.2	0.2 U	0.2 U	0.2 U	0.2	0.15 U	0.53	0.17 U	0.26	1.3 U	0.22 U	1.5	0.76	2.7	0.047 U	32	2.2	6.8	1.2	4.3	1.4	0.66 U
	11/30/11	ORIG	0.44	0.18 U	0.19 U	0.19 U	0.068 U	0.18	0.36	0.16 U	0.24	1.4	0.2 UJ	1.3	0.54	2.5	0.044 U	39	2	6.6	0.98	3.2	1.4	0.62 U
	12/21/11	ORIG	0.67	0.19 U	0.19 U	0.19 U	0.069 U	0.22	0.76	0.16 U	0.17	1.2 U	0.21 U	1.4	0.72	2.8	0.045 U	18	2.6	7.3	1.1	3.8	1.3	0.63 U
	01/31/12	ORIG	0.62	0.18 U	0.19 U	0.19 U	0.096	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.72	2.5	0.044 U	9	0.79	3.7	0.37	1.1	0.39	0.62 U
Southwest corner of ROP rooftop																								
	07/27/11	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.5 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	0.5	2.4	0.044 U	11	0.39	1.2	0.2	0.61	0.23	0.62 U
Star City rooftop, southwest corner																								
	09/27/11	ORIG	0.56	0.21 U	0.21 U	0.21 U	0.078 U	0.17	0.5	0.21	0.27	2.8	0.24 U	1.5	0.57	2.6	0.05 U	69	1.5	8.2	1.6	5.7	2	0.71 U
Terra Pave rooftop, along south edge, centered																								
	09/27/11	ORIG	0.71	0.2 U	0.21 U	0.21 U	0.076 U	0.15 U	0.51	0.18 U	0.36	2	0.23 U	1.6	0.62	2.6	0.049 U	40	1.8	5.4	0.82	2.3	0.92	0.69 U
Tree lawn across from driveway to former Skateland																								
	12/21/11	ORIG	0.3	0.16 U	0.16 U	0.16 U	0.059 U	0.19	0.75	0.14 U	0.15 U	1 U	0.18 U	1.4	0.59	2.7	0.038 U	14	1.4	4	0.62	2	0.73	0.54 U
Tree lawn across from driveway to Star City																								
	12/21/11	ORIG	0.32	0.19 U	0.19 U	0.19 U	0.069 U	0.2	0.72	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.57	2.7	0.045 U	20	1.6	4.7	0.91	3.2	1.2	0.63 U
Tree lawn across from former 3 Kings building																								
	12/21/11	ORIG	0.36	0.18 U	0.19 U	0.19 U	0.068 U	0.2	0.85	0.16 U	0.17 U	1.2 U	0.21 U	1.4	0.8	2.7	0.044 U	16	1.5	4.2	0.7	2.2	0.78	0.62 U
	12/21/11	DUP	0.3	0.15 U	0.15 U	0.15 U	0.055 U	0.17	0.75	0.13 U	0.14 U	0.96 U	0.17 U	1.3	0.73	2.6	0.036 U	15	1.3	3.7	0.58	1.9	0.68	0.5 U
WCCS rooftop, north central side of building																								
	10/28/11	ORIG	1.3	0.2 U	0.21 U	0.21 U	0.19	0.16	0.51	0.18 U	0.23	1.3 U	0.23 U	1.4	0.79	2.5	0.049 U	28	1.3	4.3	0.66	2.3	0.84	0.69 U
	11/30/11	ORIG	2.2	0.27	0.18 U	0.18 U	0.27	0.17	0.5	0.15 U	0.95	1.4	0.19 UJ	1.4	1.2	2.1	0.041 U	43	2	5.9	0.9	2.9	1	0.58 U
	12/21/11	ORIG	1.3	0.19 U	0.19 U	0.19 U	0.12	0.24	0.69	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.62	2.6	0.046 U	15	2.5	7.4	1.1	4	1.4	0.64 U
	01/31/12	ORIG	2.1	0.19 U	0.19 U	0.19 U	0.3	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.84	2.4	0.045 U	10	0.98	3	0.44	1.6	0.55	0.63 U
	03/28/12	ORIG	0.32	0.18 U	0.18 U	0.18 U	0.087	0.14 U	0.75	0.15 U	0.16 U	1.2 UJ	0.2 U	1.2	0.56	2.3	0.043 U	7.3	1.1	3.2	0.51	1.8	0.62 J	0.6 U
	04/30/12	ORIG	0.24 U	0.19 U	0.2 U	0.2 U	0.25	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.7	0.18 U	0.046 U	12	0.52	1.2	0.18	0.51	0.26	0.64 U
WCCS rooftop, southern side of building near intake vent																								
	09/27/11	ORIG	4.8	0.36	0.19 U	0.19 U	2.5	0.14	0.49	0.16 U	0.3	2	0.2 U	2.8	1.1	2.6	0.044 U	35	1.5	4.6	0.92	3.6	2	0.62 U
	10/28/11	ORIG	2.6	0.22	0.21 U	0.21 U	0.49	0.16	0.53	0.18 U	0.26	1.3 U	0.23 U	1.5	0.76	2.4	0.049 U	28	1.3	4.2	0.66	2.1	0.79	0.69 U
	11/30/11	ORIG	2.9	0.29	0.19 U	0.19 U	0.4	0.18	0.47	0.16 U	0.28	1.6	0.21 UJ	1.5	0.88	2.5	0.045 U	38	2.1	6.8	1	3.4	1.4	0.63 U
	12/21/11	ORIG	1.1	0.19 U	0.19 U	0.19 U	0.1	0.23	0.73	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.64	2.7	0.045 U	16	2.6	7.6	1.2	3.9	1.4	0.63 U
	01/31/12	ORIG	1.6	0.19 U	0.19 U	0.19 U	0.23	0.14 U	0.52	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.81	2.5	0.045 U	10	0.97	3	0.43	1.6	0.54	0.63 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	03/28/12	ORIG	0.71	0.18 U	0.18 U	0.18 U	0.098	0.14 U	0.66	0.15 U	0.16 U	1.2 UJ	0.2 U	1.3	0.55	2.4	0.043 U	10	1.1	3.2	0.51	1.7	0.71 J	0.6 U
	04/30/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.18	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.59	0.17 U	0.045 U	15	0.54	1.2	0.2	0.56	0.21	0.63 U
	05/30/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.43	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.5	2.2	0.043 U	8	0.41	1.2	0.22	0.62	0.24	0.6 U
3 Kings Construction																								
Interior office area																								
	05/11/04	ORIG	3.2	0.92	0.22	0.19 U	2.7	0.14 U	0.58	0.16 U	0.25	2.1	0.2 U	3	4.1	2.6	0.044 U	28	6	40	4.4	20	5.6	0.62 U
	09/14/05	ORIG	7.6	2.2	0.2 U	0.2 U	4.9	0.15 U	0.57	0.17 U	0.18 U	49	0.22 U	3.8	4.2	1.4	0.048 U	24	2.8	36	3.2	14	2.9	0.67 U
Storage and work area																								
	05/11/04	ORIG	1	0.25	0.21	0.18 U	0.7	0.13 U	0.59	0.15 U	0.16 U	1.8	0.2 U	2	1.6	2.7	0.043 U	37	5.1	34	3.8	18	5	0.6 U
	09/14/05	ORIG	13	3.3	0.51 U	0.51 U	9.2	0.38 U	0.65	0.43 U	0.46 U	260	0.56 U	5.9	6.8	3.1	0.12 U	50	11	170	16	82	17	1.7 U
Bishop																								
Admin Office																								
	09/08/06	ORIG	9.3	0.5	0.34 U	0.34 U	5.3	0.25 U	0.57	0.28 U	0.3 U	2.2 U	0.37 U	2.3	3.9	3.1	0.079 U	64	1.2	6.5	0.72	2.4	0.93	1.1 U
	09/08/06	DUP	11	0.56	0.16 U	0.16 U	5.8	0.12 U	0.58	0.14 U	0.15	1 J	0.32	2.4	4	2.9	0.038 U	18	1.1	7.7	0.9	3	1.1	0.54 U
	03/03/09	ORIG	110	4.5	0.17 U	0.17 U	44	0.12 U	0.51	0.14 U	0.16	1.1 U	0.19 U	9.1	35	2.3	0.04 U	13	1	4.7	0.61	2	0.75	0.56 U
	03/03/09	EPA	149.2	5.9 J	10.4 U	10.4 U	51.5	7.7 U	12 U	8.7 U	9.3 U	6.6 U	11.4 U	10.1 J	39.9	9.4 U	4.9 U	--	6.1 U	4.1 J	8.3 U	16.9 U	8.3 U	--
	03/03/09	DUP	110	4.6	0.18 U	0.18 U	44	0.13 U	0.54	0.15 U	0.16 J	1.1 U	0.2 U	9.5	36	2.4	0.042 U	14	1	4.7	0.61	2	0.76	0.59 U
	07/16/09	ORIG	14	0.71	0.19 U	0.19 U	2.9	0.14 U	0.58	0.16 U	0.18	1.2 U	0.2 U	2	1.8	2.4	0.044 U	24 J	1	4.2	0.47	1.2	0.43	0.62 U
	07/16/09	DUP	14	0.74	0.18 U	0.18 U	3	0.14 U	0.58	0.15 U	0.18	1.2 U	0.2 U	2	1.7	2.4	0.043 U	37 J	1.1	4.5	0.48	1.2	0.44	0.6 U
	08/25/09	ORIG	3.8	0.59	0.18 U	0.18 U	0.58 J	0.13 J	0.52	0.15 U	0.31	1.4	0.2 U	1.8	0.97	2.6	0.042 U	40 J	2.4	8.7	0.79	2.1 J	0.69 J	0.59 U
	08/25/09	DUP	3.5	0.68	0.19 U	0.19 U	0.74 J	0.17	0.79	0.79 U	0.33	1.6	1 U	1.8	1.3 U	2.3	0.044 U	28 J	2.4	7.8	0.93	2.6 J	1 J	0.62 U
	09/30/09	ORIG	6.5	0.58	0.18 U	0.18 U	1.3	0.13 U	0.58	0.15 U	0.16 U	5.9	0.2 U	1.6	1.7 J	2.6	0.042 U	21 J	0.83	3.8	0.41	0.9	0.32	0.59 U
	09/30/09	DUP	6.3	0.59	0.2 U	0.2 U	1.2	0.14 U	0.62	0.16 U	0.17 U	6.1	0.22 U	1.6	1.8 J	2.9	0.046 U	16 J	0.85	4.2	0.39	0.85	0.3	0.64 U
	10/29/09	ORIG	55	2.4	0.18 U	0.18 U	8 J	0.14 U	0.53	0.15 U	0.18	1.2 U	0.2 U	2.4	9.5	2.4	0.043 U	13	1.8	7	0.72	2.1	0.7	0.6 U
	10/29/09	DUP	55	2.4	0.18 U	0.18 U	8.4 J	0.14 U	0.49	0.15 U	0.18	1.2 U	0.2 U	2.5	9.8	2.4	0.043 U	14	1.8	7.2	0.72	2.2	0.73	0.6 U
	11/24/09	ORIG	140	5.6	0.25 U	0.25 U	26	0.18 U	0.47	0.21 U	0.36	3.4	0.27 U	5.4	15	2.6	0.058 U	25	2.5	36 J	2.4 J	5.4 J	2 J	0.81 U
	11/24/09	DUP	160	5.9	0.26 U	0.26 U	28	0.19 U	0.49	0.22 U	0.34	1.7 U	0.29 U	4.6	15	2.5	0.061 U	25	2.4	9.7 J	1.5 J	4.4 J	1.5 J	0.86 U
	12/28/09	ORIG	210	8.2	0.22 U	0.22 U	61	0.16 U	0.46	0.19 U	0.24	1.4 U	0.25 U	13	40	2.5	0.052 U	18 J	0.97	4.2	0.6	1.8	0.61	0.74 U
	12/28/09	DUP	220	8.4	0.24 U	0.24 U	61	0.18 U	0.46	0.21 U	0.24	1.6 U	0.27 U	13	40	2.5	0.057 U	28 J	0.95	4.5	0.7	2.1	0.76	0.81 U
	01/27/10	ORIG	220	8.1	0.4 U	0.4 U	60	0.3 U	0.5	0.34 U	0.36 U	2.5 U	0.44 U	14	44	2.4	0.094 U	14	1	3.4	0.51	1.3	0.47	1.3 U
	01/27/10	DUP	210	7.8	0.21 U	0.21 U	57	0.16 U	0.48	0.18 U	0.24	2.1	0.24 U	13	41	2.6	0.05 U	18	1	3.5	0.5	1.3	0.45	0.71 U
	02/24/10	ORIG	60	2.5	0.18 U	0.18 U	21	0.14 U	0.51	0.15 U	0.16 U	3.2	0.2 U	4.8	15	3.2 J	0.043 U	18 J	1.3	4.1 J	0.66	2	0.7	0.6 U
	02/24/10	DUP	60	2.5	0.17 U	0.17 U	22	0.12 U	0.54	0.14 U	0.16	3.4	0.19 U	5.1	16	3.2 J	0.04 U	13 J	1.4	5.3 J	0.67	2.1	0.69	0.56 U
	03/31/10	ORIG	94	3.6	0.18 U	0.18 U	28	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.2 U	5.2	21	2.1	0.042 U	12	0.47	1.2	0.18	0.44	0.16	0.59 U
	03/31/10	DUP	96	3.7	0.2 U	0.2 U	27	0.14 U	0.4	0.16 U	0.17 U	1.2 U	0.22 U	5.5	22	2.2	0.046 U	13	0.48	1.2	0.17	0.44	0.16	0.64 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE	
	04/28/10	ORIG	28	1.4	0.21 U	0.21 U	6.3 J	0.16 U	0.42	0.18 U	0.19 U	1.8 J	0.24 U	2.3	5.8 J	2.4	0.05 U	8.8	0.37	1.4 J	0.17 U	0.34 U	0.17 U	0.71 U	
	04/28/10	DUP	28	1.4	0.2 U	0.2 U	6.6 J	0.2	0.43	0.17 U	0.18 U	2.4 J	0.22 U	2.4	5.8 J	2.5	0.048 U	9.9	0.41	16 J	0.27	0.38	0.16 U	0.67 U	
	05/27/10	ORIG	84	3.2	0.2 U	0.2 U	28	0.14 U	0.53	0.16 U	0.18	1.2 U	0.22 U	4.6	15	2.8	0.046 U	22	0.64	2.5	0.32	0.75	0.26	0.64 U	
	06/18/10	ORIG	1.1	0.17 U	0.18 U	0.18 U	0.065	0.13 U	0.37	0.15 U	0.16 U	1.1 U	0.19 U	1.2	0.55	2.2	0.041 U	27 J	0.44	2.2	0.2	0.44	0.22	0.22 U	0.58 U
	06/18/10	DUP	1.1	0.17 U	0.18 U	0.18 U	0.086	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.19 U	1.4	0.63	2.4	0.041 U	19 J	0.43	2.2	0.18	0.4	0.15	0.15 U	0.58 U
	06/24/10	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.32	0.15 U	0.16 U	1.2 U	0.2 U	1.6	0.63	2.7	0.043 U	22 J	0.69	3.4	0.22	0.42	0.14 U	0.6 U	
	06/24/10	DUP	0.77	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.43	0.15 U	0.16 U	1.2 U	0.2 U	1.5	0.59	2.5	0.043 U	34 J	0.65	3.2	0.21	0.42	0.15	0.6 U	
	07/01/10	ORIG	0.83	0.17 U	0.18 U	0.18 U	0.072	0.13 U	0.4	0.15 U	0.17	1.5	0.19 U	1.7	0.63	2.6	0.041 U	44	0.93	4.3	0.3	0.67	0.3	0.58 U	
	07/08/10	ORIG	0.4	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.4	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.72	2.5	0.045 U	20 J	0.6	1.7	0.17	0.38	0.19	0.63 U	
	07/08/10	DUP	0.41	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.4	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.69	2.5	0.045 U	32 J	0.58	1.7	0.16	0.34	0.16	0.63 U	
	07/28/10	ORIG	0.61	0.17 U	0.17 U	0.17 U	0.063 U	0.13 U	0.42	0.14 U	0.15 U	1.1 U	0.19 U	1.2	0.46	2.1	0.04 U	28	0.82	2.6	0.34	0.87	0.34	0.57 U	
	08/27/10	ORIG	0.5	0.16 U	0.16 U	0.16 U	0.068	0.12 U	0.42	0.13 U	0.18	1.6	0.18 U	1.6 J	0.71	2.4	0.037 U	18	0.95	3.3	0.37	0.9	0.29	0.53 U	
	09/29/10	ORIG	0.68	0.16 U	0.16 U	0.16 U	0.38 J	0.14	0.44	0.14 U	0.19	1.4	0.18 U	2.1	1	2.8	0.039 U	32	1.5	4.7	0.65	1.6	0.64	0.55 U	
	09/29/10	DUP	0.71	0.18 U	0.18 U	0.18 U	0.17 J	0.14 U	0.53	0.15 U	0.18	1.4	0.2 U	1.9	0.82	2.7	0.043 U	30	1.5	4.6	0.67	1.8	0.65	0.6 U	
	10/27/10	ORIG	1.3	0.15 U	0.15 U	0.15 U	0.59	0.11 U	0.46	0.12 U	0.3	1.5	0.16 U	2.3	3.6	2.9	0.035 U	24	5.5	15	2.1	7.3	2.2	0.49 U	
	11/30/10	ORIG	0.75	0.18 U	0.18 U	0.18 U	0.11	0.18	0.44 J	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.57	2.4	0.042 U	14	2.1	5.8	1	3.4	1.1	0.59 U	
	12/28/10	ORIG	1.2	0.14 U	0.15 U	0.15 U	0.21	0.18	0.82 J	0.12 U	0.18	1	0.16 U	1.5	0.73	2.7	0.034 U	18	4.5	13	1.6	5.4	1.6	0.48 U	
	01/26/11	ORIG	1.2	0.18 U	0.19 U	0.19 U	0.1	0.14 U	0.49 J	0.16 U	0.19	2.8	0.2 U	1.7	0.75	2.7	0.044 U	33	2.4	7.1	0.97	2.9	0.86	0.62 U	
	02/28/11	ORIG	0.64	0.19 U	0.2 U	0.2 U	0.12 J	0.14	0.4	0.16 U	0.17 U	1.2 U	0.22 U	1.5	0.62	2.4	0.046 U	12	1.3	3.2	0.51	1.6	0.55	0.64 U	
	03/30/11	ORIG	0.79	0.18 U	0.19 U	0.19 U	0.14 J	0.16	0.46	0.16 U	0.7	1.6	0.26	1.4	0.59	2.4	0.044 U	22	1.4	5.6	0.71	2.1	0.85	0.62 U	
	03/30/11	DUP	0.81	0.18 U	0.19 U	0.19 U	0.14 J	0.17	0.47	0.16 U	0.74	1.6	0.2 U	1.4	0.6	2.5	0.044 U	21	1.4	5.8	0.69	2.1	0.73	0.62 U	
	04/29/11	ORIG	0.26	0.17 U	0.17 U	0.17 U	0.061 U	0.16	0.5 J	0.14 U	1.7	3	0.19 J	2 J	1.1	3	0.04 U	18	0.62	2	0.27	0.66	0.26	0.56 U	
	05/31/11	ORIG	0.92	0.2 U	0.2 U	0.2 U	0.12	0.15 UJ	0.55 J	0.17 U	0.22	1.3 U	0.22 U	1.2	1	2.6	0.047 U	16	1.2	4.2	0.56	1.7	0.61 J	0.66 U	
	05/31/11	DUP	0.92	0.18 U	0.18 U	0.18 U	0.12	0.14 J	0.55 J	0.15 U	0.23	1.1 U	0.2 U	1.1	1	2.6	0.042 U	18	1.3	4.8	0.58	1.8	0.63 J	0.59 U	
	06/29/11	ORIG	0.69	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	1	2.5	0.043 U	21	0.7	2.5	0.4	1.2	0.54	0.61 U	
	06/29/11	DUP	0.67	0.18 U	0.18 U	0.18 U	0.067 U	0.14	0.52	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	1	2.5	0.043 U	18	0.63	0.13 U	0.4	1.2	0.54	0.6 U	
	07/27/11	ORIG	0.34	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.53 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	1.5	2.4	0.044 U	12	0.39	1.4 J	0.22	0.66	0.25	0.62 U	
	07/27/11	DUP	0.29	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.53 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.3	1.6	2.6	0.044 U	12	0.36	0.8 J	0.15 U	0.3 U	0.15 U	0.62 U	
	08/31/11	ORIG	0.57	0.17 U	0.18 U	0.18 U	0.064 U	0.16	0.63	0.15 U	0.16 U	1.1 U	0.19 UJ	1.9	1.4	3	0.041 U	19	0.6	2.5	0.3	0.83	0.31	0.58 U	
	08/31/11	DUP	0.56	0.17 U	0.17 U	0.17 U	0.061 U	0.14	0.63	0.14 U	0.15 U	1.5	0.19 UJ	1.9	1.4	2.9	0.04 U	20	0.61	2.5	0.3	0.84	0.33	0.56 U	
	09/27/11	ORIG	0.76	0.18 U	0.19 U	0.19 U	0.069	0.17 J	0.5	0.16 U	0.34	2	0.2 U	1.5	0.59	2.6	0.044 U	36	1.8	6	1	3.1	1.3	0.62 U	
	09/27/11	DUP	0.73	0.19 U	0.19 U	0.19 U	0.069 U	0.44 J	0.49	0.16 U	0.34	2	0.21 U	1.5	0.6	2.6	0.045 U	36	1.9	6.3	1.1	3.2	1.4	0.63 U	
	12/21/11	ORIG	0.49	0.18 U	0.18 U	0.18 U	0.067 U	0.24	0.9	0.16 U	0.2	1.2 U	0.2 U	1.4	0.84	2.8	0.043 U	19	2.7	7.7	1.2	4	1.4	0.61 U	
	12/21/11	DUP	0.47	0.18 U	0.18 U	0.18 U	0.067 U	0.24	0.8	0.16 U	0.19	1.2 U	0.2 U	1.4	0.83	2.9	0.043 U	20	2.7	7.9	1.2	4.2	1.4	0.61 U	
	03/28/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.57	0.16 U	0.17 U	1.2 UJ	0.21 U	1.2	0.59	2.3	0.045 U	12	0.94	3	0.47	1.5	0.53 J	0.63 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	03/28/12	DUP	0.37	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.72	0.16 U	0.17 U	1.2 UJ	0.21 U	1.2	0.54	2.3	0.045 U	13	0.89	3.1	0.47	1.5	0.67 J	0.63 U
	06/27/12	ORIG	0.26	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.37 J	0.16 U	0.2	1.2 U	0.2 U	1.1	3.9	2	0.043 U	16	0.85	4	0.64	1.7	0.62	0.61 U
	06/27/12	DUP	0.27	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.35 J	0.16 U	0.2	1.2 U	0.21 U	1.1	3.8	2	0.044 U	18	0.85	3.9	0.62	1.5	0.56	0.62 U
	09/26/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.5	0.16 U	0.38	1.2 U	0.2 U	1.2	0.88	2.3	0.044 U	20	0.79	3.1	0.59	1.7	0.62	0.62 U
	09/26/12	DUP	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.49	0.15 U	0.43	1.2 U	0.2 U	1.3	1	2.7	0.043 U	23	0.89	3.2	0.65	1.7	0.63	0.6 U
Interior Store																								
	09/08/06	ORIG	29	1.5	0.19	0.18 U	14	0.13 U	0.51	0.15 U	0.18	1.7	0.21	3.7	10	2.7	0.041 U	28	1.2	8.4	1.7	4.9	1.7	0.67
	03/03/09	ORIG	72	3.9	0.2 U	0.2 U	31	0.15 U	0.52	0.17 U	0.24	1.8	0.22 U	7.2	21	2.4	0.047 U	24	1.8	9.8	2.4	6.6	2.2	0.69
	07/16/09	ORIG	16	0.89	0.18 U	0.18 U	3.9	0.13 U	0.58	0.15 U	0.22	1.5	0.2 U	2.2	2.5	2.5	0.042 U	26	1.5	7.8	1	3	0.83	0.59 U
	08/25/09	ORIG	17	1.3	0.28 U	0.28 U	4	0.21 U	0.49	1.2 U	0.33	2.4	1.6 U	2.2	2.9	2.4	0.066 U	71	2.6	8.8	1.6	4.3	1.7	0.93 U
	09/30/09	ORIG	36	2	0.19 U	0.19 U	7.8	0.14 U	0.61	0.16 U	0.21	7.9	0.21 U	2.3	5.9 J	2.7	0.045 U	32	1.1	5.8	0.85	2.3	0.7	0.63 U
	10/29/09	ORIG	82	3.9	0.18 U	0.18 U	14 J	0.14 U	0.51	0.15 U	0.27	2	0.2 U	3.6	15	2.3	0.043 U	26	2.5	9.7	1.4	4.3	1.3	0.6 U
	11/24/09	ORIG	130	6.6	0.23	0.2 U	34	0.15 U	0.49	0.17 U	0.44	2.8	0.23	7	22	2.7	0.047 U	35	3.3	19	2.6	8.1	2.6	0.66 U
	12/28/09	ORIG	180	9.7	0.36	0.24 U	69	0.18 U	0.44	0.2 U	0.46	1.6	0.26 U	15	44	2.6	0.056 U	40	1.5	7.4	1.6	4.6	1.5	0.79 U
	01/27/10	ORIG	100	5.4	0.23	0.2 U	34	0.14 U	0.48	0.16 U	0.41	3.1	0.22 U	7.6 J	19	2.5	0.046 U	30	1.7	10	1.5	4.2	1.3	0.64 U
	02/24/10	ORIG	40	2.1	0.2 U	0.2 U	14	0.14 U	0.53	0.16 U	0.19	5	0.22 U	3.5	8.9	2.6 J	0.046 U	16	1.5	5.4	0.86	2.8	0.91	0.64 U
	03/31/10	ORIG	16 J	0.95 J	0.15 UJ	0.15 UJ	6.1 J	0.13 J	0.44 J	0.12 UJ	0.13 UJ	1.1 J	0.16 UJ	2.1 J	4.4 J	2.2 J	0.034 UJ	14 J	0.65 J	7.3 J	0.41 J	0.97 J	0.3 J	0.48 UJ
	04/28/10	ORIG	23	1.4	0.19 U	0.19 U	6.9 J	0.14 U	0.41	0.16 U	0.17 U	3.4	0.2 U	2.2	4.8 J	2.4	0.044 U	19	0.47	1.6	0.37	0.8	0.22	0.62 U
	05/27/10	ORIG	26	1.3	0.18 U	0.18 U	8.5 J	0.13 U	0.53	0.15 U	0.2	1.4	0.19 U	2.7	5.2	2.8	0.041 U	18	0.72	3.8	0.63	1.5	0.46	0.58 U
	06/18/10	ORIG	1.8	0.17 U	0.17 U	0.17 U	0.24	0.12	0.38	0.14 U	0.16	1.1 U	0.19 U	1.4	0.7	2.3	0.04 U	22	0.61	3.7	0.35	0.84	0.36	0.56 U
	06/24/10	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.22	0.13 U	0.42	0.15 U	0.16 U	1.3	0.2 U	1.8	0.7	2.7	0.042 U	25	0.75	3.7	0.32	0.65	0.2	0.59 U
	07/01/10	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.17	0.14 U	0.4	0.15 U	0.2	1.8	0.2 U	1.8	0.66	2.6	0.043 U	34	1.1	6.6	0.6	1.5	0.44	0.6 U
	07/08/10	ORIG	0.62	0.2 U	0.2 U	0.2 U	0.072 U	0.15 UJ	0.39	0.17 U	0.18 U	2	0.22 U	1.7	0.75	2.6	0.047 U	30	0.81	2.6	0.37	0.74	0.29	0.66 U
	07/28/10	ORIG	1.1	0.15 U	0.15 U	0.15 U	0.19	0.11 U	0.43	0.13 U	0.14	1.3	0.17 U	1.3	0.46	2	0.036 U	28	1.1	5.8	1	3.3	1.1	0.51 U
	08/27/10	ORIG	0.69	0.17 U	0.18 U	0.18 U	0.14	0.13 U	0.41	0.15 U	0.24	2	0.19 U	1.6 J	0.7	2.3	0.041 U	20	1.2	4.4	0.6	1.4	0.45	0.58 U
	09/29/10	ORIG	0.92	0.17 U	0.18 U	0.18 U	0.24	0.13 U	0.45	0.15 U	0.22	1.8	0.19 U	2	0.87	2.8	0.041 U	31	2	6.6	1	2.5	0.84	0.58 U
	10/27/10	ORIG	0.77	0.18 U	0.18 U	0.18 U	0.19	0.14 U	0.45	0.15 U	0.19	1.4	0.2 U	2	1.6	2.6	0.043 U	18	2	5.9	1	3	0.9	0.6 U
	11/30/10	ORIG	1.9	0.17 U	0.18 U	0.18 U	0.51	0.18	0.43 J	0.15 U	0.17	1.2	0.19 U	1	0.61	2.4	0.041 U	21	2.5	7.2	1.4	4.6	1.4	0.58 U
	12/28/10	ORIG	1.6	0.18 U	0.18 U	0.18 U	0.2	0.26	0.47 J	0.15 U	0.18	1.7	0.2 U	1.4	0.66	2.6	0.042 U	26	3.3	22	2.2	5.6	2.2	0.59 U
	01/26/11	ORIG	8.4	0.17 U	0.18 U	0.18 U	0.23	0.13 U	0.5 J	0.15 U	0.25	2.7	0.19 U	1.8	1.2	2.6	0.041 U	35	3.6	12	2	6.2	1.6	0.58 U
	02/28/11	ORIG	0.83	0.19 U	0.19 U	0.19 U	0.14 J	0.14	0.38	0.16 U	0.17 U	1.2 U	0.21 U	1.5	0.64	2.4	0.045 U	13	1.5	4.3	0.89	2.7	0.91	0.63 U
	03/30/11	ORIG	1.4	0.18 U	0.18 U	0.18 U	0.28 J	0.14 U	0.46	0.15 U	0.31	1.7	0.2 U	0.83	0.6	2.3	0.043 U	19	1.5	6.9	1.1	3.4	1	0.6 U
	04/29/11	ORIG	0.64 J	0.17 U	0.18 U	0.18 U	0.088	0.13 U	0.47 J	0.15 U	0.22 J	1.8	0.19 J	2 J	2.6 J	3	0.041 U	21 J	0.87 J	5.2 J	0.74 J	1.6 J	0.47 J	0.58 U
	04/29/11	DUP	0.26 J	0.17 U	0.17 U	0.17 U	0.07	0.14	0.5	0.14 U	1.8 J	1.1	0.19 UJ	2	1.2 J	3	0.04 U	16 J	0.55 J	2.1 J	0.18 J	0.43 J	0.15 J	0.56 U
	05/31/11	ORIG	2	0.2 U	0.2 U	0.2 U	0.38	0.15 UJ	0.53 J	0.17 U	0.2	2.2	0.22 U	1.3	1.7	2.7	0.047 U	20	1.7	6.8	1.2	3.6	1.2 J	0.66 U

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Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	06/29/11	ORIG	0.87	0.18 U	0.18 U	0.18 U	0.09	0.13	0.5	0.15 U	0.16 U	1.4	0.2 UJ	1.3	1.7	2.5	0.042 U	21	0.88	3.8	0.97	2.9	1	0.6 U
	07/27/11	ORIG	0.58	0.16 U	0.16 U	0.16 U	0.062	0.12 U	0.5 J	0.13 U	0.14 U	1.4	0.18 UJ	1.2	5.9	2.4	0.037 U	19	0.49	2.9	0.75	2.1	0.67	0.53 U
	08/31/11	ORIG	0.98	0.17 U	0.17 U	0.17 U	0.092	0.14	0.61	0.14 U	0.17	1.3	0.19 UJ	1.8	3	3	0.04 U	27	0.7	3	0.68	1.7	0.58	0.56 U
	09/27/11	ORIG	0.91	0.18 U	0.19 U	0.19 U	0.093	0.17	0.49	0.16 U	0.35	2.3	0.2 U	1.5	0.7	2.6	0.044 U	43	2	7.5	1.6	5.1	1.7	0.62 U
	12/21/11	ORIG	0.65	0.19 U	0.19 U	0.19 U	0.069 U	0.27	0.62	0.16 U	0.21	1.2 U	0.21 U	1.4	0.98	2.9	0.045 U	37	2.8	8.4	1.5	4.8	1.5	0.63 U
	03/28/12	ORIG	0.34	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.68	0.16 U	0.17 U	1.7 J	0.2 U	1.2	0.56	2.2	0.044 U	12	1.3	6.1	1.1	3.7	1.2 J	0.62 U
	06/27/12	ORIG	0.38	0.18 U	0.18 U	0.18 U	0.066 U	0.13 U	0.38 J	0.15 U	0.21	1.2 U	0.2 U	1.1	9.8	2	0.042 U	18	0.98	4.6	1.2	3.4	1.2	0.6 U
	09/26/12	ORIG	0.36	0.18 U	0.18 U	0.18 U	0.074	0.14 U	0.49	0.15 U	1.1	1.2 U	0.2 U	1.3	3.8	2.7	0.043 U	38	1.8	15	2.6	11	3.3	0.6 U
Warehouse																								
	09/08/06	ORIG	7.1	0.44	0.18 U	0.18 U	3.6	0.13 U	0.54	0.15 U	0.16 U	1.1 U	0.19 U	2.2	3.4	2.9	0.041 U	31	1.2	6.9	1	3.7	1.4	0.58 U
	03/03/09	ORIG	6	0.48	0.18 U	0.18 U	2.4	0.14 U	0.53	0.15 U	0.16 U	1.2 U	0.2 U	2.9	2.3	2.4	0.043 U	12	1.4	6.3	0.85	2.7	1	0.6 U
	07/16/09	ORIG	4.3	0.32	0.2 U	0.2 U	0.96	0.15 U	0.58	0.17 U	0.18 U	1.3 U	0.22 U	1.8	0.92	2.5	0.047 U	23	1.2	5.2	0.56	1.4	0.5	0.66 U
	08/25/09	ORIG	5.7	0.72	0.18 U	0.18 U	1.2	0.14 U	0.78	0.77 U	0.28	1.2	1.3	1.9	1.4	2.4	0.043 U	22	2.3	8.6	1.4	3.8	1.4	0.6 U
	09/30/09	ORIG	8.5	0.69	0.2 U	0.2 U	1.8	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.22 U	1.8	2.6 J	2.8	0.046 U	18	0.9	4.1	0.42	0.94	0.33	0.64 U
	10/29/09	ORIG	8.9	0.82	0.16 U	0.16 U	1.5 J	0.12 U	0.5	0.14 U	0.17	1 U	0.18 U	1.6	6.1	2.5	0.038 U	21	2	8.8	0.8	2.4	0.84	0.54 U
	11/24/09	ORIG	9.5	0.72	0.19 U	0.19 U	1.8	0.14 U	0.46	0.16 U	0.24	1.2 U	0.2 U	1.9	1.9	2.5	0.044 U	29	2	9.3	1.1	3.2	1.1	0.62 U
	12/28/09	ORIG	20	0.93	0.19 U	0.19 U	5.8	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.21 U	2.8	5.4	2.4	0.044 U	20	1.1	3.8	0.65	1.8	0.68	0.62 U
	01/27/10	ORIG	8.4	0.45	0.18 U	0.18 U	2.2	0.13 U	0.45	0.15 U	0.16 U	3	0.2 U	1.9 J	2	2.4	0.042 U	22	0.97	7.5	0.61	1.6	0.6	0.59 U
	02/24/10	ORIG	12	0.78	0.16 U	0.16 U	3.7	0.12 U	0.52	0.14 U	0.15 U	1	0.18 U	2	3.1	2.8 J	0.039 U	14	1.4	6.7	0.76	2.3	0.75	0.55 U
	03/31/10	ORIG	6.9	0.5	0.15 U	0.15 U	2.9	0.13	0.38	0.13 U	0.14 U	2	0.17 U	1.6	2.8	2.3	0.036 U	11	0.47	3.4	0.3	0.97	0.27	0.51 U
	04/28/10	ORIG	2.9	0.28	0.2 U	0.2 U	0.77 J	0.15 U	0.41	0.17 U	0.18 U	1.3 U	0.22 U	1.5	1.3 J	2.5	0.048 U	7.2	0.38	1	0.16 U	0.32 U	0.16 U	0.67 U
	05/27/10	ORIG	3.9	0.34	0.18 U	0.18 U	1.2 J	0.13 U	0.56	0.15 U	0.16 U	1.1 U	0.19 U	1.9	1.5	3	0.041 U	22	0.62	3.1	0.3	0.73	0.24	0.58 U
	06/18/10	ORIG	0.43	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.36	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.54	2.3	0.045 U	27	0.43	4.1	0.24	0.52	0.18	0.63 U
	06/24/10	ORIG	0.34	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.2 U	1.7	0.63	2.6	0.044 U	30	0.71	3.9	0.25	0.48	0.15	0.62 U
	07/01/10	ORIG	0.38	0.15 U	0.15 U	0.15 U	0.054 U	0.11 U	0.35	0.12 U	0.16	1.2	0.16 U	1.6	0.53	2.4	0.035 U	27	0.97	4.6	0.3	0.66	0.21	0.49 U
	07/08/10	ORIG	0.23	0.17 U	0.17 U	0.17 U	0.063 U	0.13 UJ	0.43	0.14 U	0.15 U	1.2	0.19 U	1.8	0.76	2.8	0.04 U	20	0.69	2.3	0.2	0.45	0.19	0.57 U
	07/28/10	ORIG	0.38	0.16 U	0.16 U	0.16 U	0.059 U	0.12 U	0.48	0.14 U	0.14 U	1.3	0.18 U	1.2	0.46	2	0.038 U	52	0.69	2.5	0.39	1	0.38	0.54 U
	08/27/10	ORIG	0.38	0.18 U	0.19 U	0.19 U	0.08	0.14 U	0.42	0.16 U	0.19	1.2	0.2 U	1.7	0.72	2.2	0.044 U	16	0.91	3.5	0.38	0.88	0.29	0.62 U
	09/29/10	ORIG	0.68	0.19 U	0.19 U	0.19 U	0.5	0.14 U	0.49	0.16 U	0.18	1.2	0.21 U	1.8	1.1	2.7	0.045 U	33	1.4	4.8	0.67	1.8	0.63	0.63 U
	10/27/10	ORIG	0.4	0.18 U	0.18 U	0.18 U	0.096	0.14 U	0.44	0.15 U	0.16 U	1.2 U	0.2 U	1.5	1.1	2.7	0.043 U	10	1.6	4.1	0.58	1.6	0.6	0.6 U
	11/30/10	ORIG	0.87	0.18 U	0.18 U	0.18 U	0.11	0.19	0.45 J	0.15 U	0.16 U	1.1 U	0.2 U	1	0.54	2.5	0.042 U	18	2.2	5.8	0.95	3	0.99	0.59 U
	12/28/10	ORIG	0.93	0.14 U	0.15 U	0.15 U	0.12	0.11	0.48 J	0.12 U	0.13 U	0.93 U	0.16 U	1.4	0.61	2.7	0.034 U	13	2.2	6	0.76	2.2	0.71	0.48 U
	01/26/11	ORIG	1.1	0.19 U	0.19 U	0.19 U	0.11	0.14 U	0.46 J	0.16 U	0.18	2.2	0.21 U	1.7	0.73	2.7	0.045 U	24	2.2	6.6	0.83	2.3	0.68	0.63 U
	02/28/11	ORIG	0.57	0.19 U	0.2 U	0.2 U	0.12 J	0.14 U	0.32	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.61	2.4	0.046 U	9.3	1.2	2.8	0.44	1.3	0.45	0.64 U
	03/30/11	ORIG	0.78	0.17 U	0.17 U	0.17 U	0.061 U	0.12 U	0.48	0.14 U	0.22	2.9	0.19 U	1.5	0.72	2.5	0.04 U	21	1.2	9.8	0.69	1.8	0.72	0.56 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	04/29/11	ORIG	0.2 J	0.14 UJ	0.15 UJ	0.15 UJ	0.053 UJ	0.15 J	0.47 J	0.12 UJ	0.16 J	7.1 J	0.16 UJ	2 J	0.82 J	3 J	0.034 UJ	13 J	0.62 J	2.5 J	0.29 J	0.65 J	0.2 J	0.48 UJ
	05/31/11	ORIG	0.96	0.2 U	0.21 U	0.21 U	0.11	0.15 UJ	0.5 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.78	2.5	0.049 U	14	1.2	4.2	0.57	1.6	0.56 J	0.69 U
	06/29/11	ORIG	0.67	0.18 U	0.18 U	0.18 U	0.071	0.14 U	0.6	0.15 U	0.16 U	1.2	0.2 UJ	1.2	0.66	2.4	0.043 U	15	0.63	2.5	0.38	1.2	0.42	0.6 U
	07/27/11	ORIG	0.27	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.48 J	0.16 U	0.17 U	1.2 U	0.21 UJ	1.2	0.64	2.4	0.045 U	14	0.44	2	0.25	0.71	0.26	0.63 U
	08/31/11	ORIG	0.44	0.17 U	0.18 U	0.18 U	0.064 U	0.14	0.61	0.15 U	0.16 U	1.1 U	0.19 UJ	1.8	0.96	3	0.041 U	14	0.68	2.3	0.33	0.89	0.31	0.58 U
	09/27/11	ORIG	0.74	0.19 U	0.19 U	0.19 U	0.069 U	0.17	0.44	0.16 U	0.28	2	0.21 U	1.3	0.54	2.3	0.045 U	31	1.8	6.1	0.99	3	1.1	0.63 U
	12/21/11	ORIG	0.45	0.19	0.19 U	0.19 U	0.068 U	0.26	0.76	0.16 U	0.16 J	1.2 U	0.21 U	1.4	0.7	2.8	0.044 U	20	2.6	7.6	1.1	3.6	1.2	0.62 U
	03/28/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.69	0.16 U	0.17 U	1.2 UJ	0.21 U	1.3	0.55	2.4	0.045 U	10	0.9	3.4	0.46	1.4	0.51 J	0.63 U
	06/27/12	ORIG	0.24	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.34 J	0.16 U	0.17 U	1.2 U	0.21 U	1.1	2.6	2	0.045 U	14	0.91	3.4	0.57	1.7	0.62	0.63 U
	09/26/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.45	0.16 U	0.36	1.2 U	0.21 U	1.2	0.94	2.4	0.045 U	17	1.1	3.7	0.54	1.8	0.63	0.63 U
Former InterHealth/Current Intercommunity Dialysis Center																								
Nurses Station																								
	03/28/12	ORIG	0.22 J	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.78	0.15 U	0.16 U	1.2 UJ	0.2 U	1.3	0.89	2.4	0.043 U	25	0.85	2.7	0.43	1 J	0.38 J	0.6 U
Open Office																								
	04/29/11	ORIG	0.2 U	0.15 U	0.16 U	0.16 U	0.057 U	0.15	0.44	0.13 U	0.17	2.9	0.17 UJ	20	0.61	2.7	0.037 U	16	0.66	4.8	0.31	0.56	0.18	0.52 U
Research Area																								
	03/28/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.64	0.15 U	0.16 U	1.2 UJ	0.2 U	1.3	0.62	2.3	0.043 U	92 E	0.95	3.9	2	4.9 J	2 J	0.6 U
Waiting Room T11033																								
	04/29/11	SPLIT	0.23	0.095	0.11 U	0.11 U	0.04 U	0.081 U	0.55	0.092 U	0.12	0.69 U	0.12 J	24 J	0.63	18 J	0.026 U	10 J	0.65	2 J	0.35 J	1.1 J	0.44	0.36 U
	04/29/11	ORIG	0.2 U	0.16 U	0.16 U	0.16 U	0.059 U	0.13	0.47	0.14 U	0.14 U	1 U	0.18 UJ	30 J	0.64	2.7 J	0.038 U	13 J	0.54	1.5 J	0.16 J	0.39 J	0.13 U	0.54 U
Former OCMA/Current Tomacico																								
Admin Office																								
	09/08/06	ORIG	0.43 U	0.34 U	0.34 U	0.34 U	0.2	0.26 U	0.52	0.29 U	0.66	2.2 U	0.38 U	1.7	1.2	2.9	0.081 U	95	1.2	16	1	3	1.2	1.1 U
	03/31/10	ORIG	0.61 U	0.48 U	0.49 U	0.49 U	1.1	0.36 U	0.56 U	0.41 U	1.2	3.1 U	0.54 U	6.5	2.3	14	0.11 U	90	0.72 U	3.7	0.44	0.78 U	0.39 U	1.6 U
	04/29/11	ORIG	0.24	0.18 U	0.18 U	0.18 U	0.065 U	0.13	0.47	0.15 U	1.1	1.1 U	0.2 UJ	2	0.68	2.9	0.042 U	25	0.61	2.2	0.18	0.48	0.16	0.59 U
Nurses Station																								
	09/08/06	ORIG	0.44	0.35 U	0.35 U	0.35 U	0.23	0.32	0.5	0.3 U	0.57	2.2 U	0.39	1.8	1.6	3.4	0.082 U	99	1.1	17	0.94	3.1	1.3	1.2 U
	03/31/10	ORIG	9.5 U	7.5 U	7.6 U	7.6 U	1.6 J	5.7 U	8.8 U	6.4 U	6.8 U	4.9 U	8.4 U	3.5 J	11 U	5.5 J	3.6 U	51	0.79 J	3.7 J	0.57 J	1 J	6.1 U	5 U
	04/29/11	ORIG	0.22 U	0.18 U	0.18 U	0.18 U	0.065 U	0.13	0.46	0.15 U	0.55	1.1 U	0.2 UJ	2	0.66	2.9	0.042 U	24	0.62	2.2	0.18	0.51	0.16	0.59 U
Tomacico Admin Office																								
	09/27/11	ORIG	0.55	0.18 U	0.18 U	0.18 U	0.089	0.45	0.47	0.15 U	5.6	6.7	0.2 U	2	0.67	2.4	0.043 U	140 E	1.6	14	1.6	6	3.2	0.6 U
	03/28/12	ORIG	0.23	0.18 U	0.19 U	0.19 U	0.068 U	0.18	0.75	0.16 U	1.4	1.7 J	0.2 U	2.1	0.55	2.1	0.044 U	110 E	1.3	7	0.85	3.1	1.3 J	0.62 U
	10/31/12	SPLIT	0.5	0.11	0.11 U	0.11 U	0.048	0.29	0.52	0.092 U	2.5	1.5	0.54	2.2	0.66	2.5	0.026 U	45	1.8 J	8.7	2.2 J	4.6 J	1.9 J	0.36 U
	10/31/12	ORIG	0.4	0.18 U	0.18 U	0.18 U	0.067 U	0.28	0.5	0.16 U	2.6	1.4	0.21	2	0.59	2.6	0.043 U	52	1.4 J	7.4	1.2 J	3.7 J	1.4 J	0.61 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Tomacico Suite B Office Area																								
	10/31/12	ORIG	0.57	0.19 U	0.19 U	0.19 U	0.08	0.14 J	0.6	0.16 U	0.57	1.5	0.21 U	1.5	0.7	2.8	0.045 U	52	1.8	6.1	0.85	2.7	1	0.63 U
Tomacico Suite C Waiting Area																								
	10/31/12	ORIG	0.55	0.18 U	0.18 U	0.18 U	0.081	0.14	0.62	0.15 U	0.64	1.8	0.2 U	1.7	0.76	2.9	0.042 U	48	1.9	5.9	0.88	2.8	1.1	0.59 U
Fred R. Rippy Company																								
Front Office																								
07/01/10	ORIG	12	140	0.18 U	0.18 U	9.7	0.6	0.4	0.15 U	0.33	2.1	8.8	4	7.1	2.7	0.043 U	36 J	0.94	3.2	0.3	0.73	0.29	0.6 U	
07/01/10	DUP	12	140	0.18 U	0.18 U	10	0.59	0.41	0.15 U	0.33	1.7	9.4	4.1	7.6	2.6	0.043 U	49 J	0.92	3	0.3	0.74	0.25	0.6 U	
08/27/10	ORIG	1.2	6.1	0.19 U	0.19 U	0.63	0.25	0.42	0.16 U	0.18	1.2 U	1.1	1.6	0.96	2.2	0.044 U	19	1	3.3	0.37	0.92	0.3	0.62 U	
08/27/10	DUP	1.2	6.3	0.18 U	0.18 U	0.64	0.24	0.43	0.15 U	0.18	1.2 U	1.2	1.7	1	2.3	0.043 U	19	1	3.4	0.4	0.95	0.3	0.6 U	
11/30/10	ORIG	34 J	2.8	0.15 U	0.15 U	18	0.39	0.42 J	0.12 U	0.39	1.8	4.7	3.5	8.7	2.6	0.035 U	69 J	4.7	12	1.5	5.6	2	0.49 U	
11/30/10	DUP	42 J	3.3	0.18 U	0.18 U	22	0.38	0.46 J	0.15 U	0.45	1.1 U	5.2	4.1	10	2.6	0.041 U	99 J	4.8	10	1.4	5	1.8	0.58 U	
01/26/11	ORIG	28	2.2	0.21	0.18 U	15	0.48	0.51 J	0.15 U	0.44	2	4.8	4.5	8.4	2.6	0.041 U	170 E	3.3	11	1.5	5.5	1.9	0.58 U	
01/26/11	DUP	29	2.3	0.21	0.18 U	15	0.39	0.52 J	0.15 U	0.45	1.9	5.2	4.5	8.5	2.7	0.043 U	170 E	3.3	11	1.5	5.6	2.1	0.6 U	
02/28/11	ORIG	25 J	2.1 J	0.15 U	0.15 U	18 J	0.2	0.37	0.12 U	0.42	0.92 J	2.9	4.4 J	8.2 J	2.5	0.034 U	27 J	2.4	7 J	1 J	3.5 J	1.2 J	0.48 U	
02/28/11	DUP	47 J	3.8 J	0.18 U	0.18 U	33 J	0.25	0.41	0.15 U	0.52	1.1 U	3.2	6.8 J	14 J	2.4	0.041 U	44 J	2	5.7 J	0.81 J	2.7 J	0.92 J	0.58 U	
03/30/11	ORIG	36	2.9	0.35 U	0.35 U	31 J	0.48	0.5	0.3 U	0.46	2.2 U	15 J	4.7	12	2.5	0.082 U	100	1.2	5.1	0.56	1.6	0.55 J	1.2 U	
03/30/11	DUP	36	3	0.35 U	0.35 U	30 J	0.37	0.51	0.3 U	0.45	2.2 U	6.6 J	4.6	12	2.6	0.082 U	100	1.3	5.2	0.54	1.5	0.48 J	1.2 U	
04/29/11	ORIG	31	2.4	0.19 U	0.19 U	18	0.34 J	0.47 J	0.16 U	0.43	1.2 U	9.7 J	5.8 J	9.2	2.8	0.044 U	38	0.63	3.8 J	0.25 J	0.64 J	0.2	0.62 U	
04/29/11	DUP	27	2.1	0.18 U	0.18 U	15	0.6 J	0.45 J	0.15 U	0.39	1.2	8.4 J	5.1 J	7.8	2.7	0.041 U	35	0.68	10 J	0.56 J	1 J	0.32	0.58 U	
05/31/11	ORIG	45	3.1	0.25	0.18 U	23	0.3 J	0.51 J	0.15 U	0.51	1.1 U	24	3.1	7.7	2.5	0.042 U	38	1.2	4.7	0.64	2	0.71 J	0.59 U	
06/29/11	ORIG	24	1.8	0.17 U	0.17 U	11	0.41	0.54	0.14 U	0.29	1.1 U	13 J	2.6	4.3	2.5	0.039 U	58	0.71	2.8	0.45	1.4	0.59	0.55 U	
07/27/11	ORIG	19	1.4	0.16 U	0.16 U	8.9	0.12 U	0.56 J	0.13 U	0.28	1.2	15 J	2.4	3.7	2.5	0.037 U	26	0.42	1.8	0.32	0.99	0.37	0.53 U	
08/31/11	ORIG	24	1.8	0.17 U	0.17 U	11	0.45	0.63	0.14 U	0.33	1.2	15 J	6.7	4.5	2.9	0.04 U	32	0.61	2.5	0.39	1.1	0.4	0.57 U	
09/27/11	ORIG	22	1.8	0.19 U	0.19 U	11	0.39	0.49	0.16 U	0.5	2.3	13	2.7	3.9	2.5	0.044 U	49	2.1	7.4	1.4	5	2.2	0.62 U	
09/27/11	DUP	21	1.8	0.18 U	0.18 U	10	0.39	0.48	0.15 U	0.5	2.3	12	2.7	4	2.5	0.043 U	48	2	7.2	1.3	4.7	2.1	0.6 U	
10/28/11	ORIG	26	2.1	0.18 U	0.18 U	13	0.34 J	0.51	0.15 U	0.51	1.6	1.8 J	3.1	4.5	2.6	0.043 U	78	3.2	10	1.4 J	4.6 J	1.6 J	0.6 U	
10/28/11	DUP	26	2	0.17 U	0.17 U	12	0.32 J	0.5	0.14 U	0.51	1.7	6.7 J	2.8	4.3	2.5	0.04 U	73	3.1	10	1.9 J	7.2 J	2.7 J	0.57 U	
11/30/11	ORIG	85	6.4	0.2 U	0.2 U	37	0.42	0.5	0.17 U	0.95	2.1	6.7 J	5.7	14	2.5	0.047 U	77 J	3.2	12	1.9	6.1	2.2	0.66 U	
11/30/11	DUP	84	6.3	0.2 U	0.2 U	37	0.43	0.5	0.17 U	0.99	2	5 J	5.5	14	2.5	0.047 U	100 E	3.2	12	1.8	6	2.2	0.66 U	
12/21/11	ORIG	35	2.6	0.18 U	0.18 U	16	0.38	0.8	0.16 U	0.45	1.2 U	5.5 J	3.4	6.5	2.6	0.043 U	27	3	9.6	1.5	5.4	1.8	0.61 U	
12/21/11	DUP	35	2.8	0.18 U	0.18 U	18	0.42	0.87	0.16 U	0.48	1.2 U	2.7 J	3.6	6.9	2.8	0.043 U	32	3.3	10	1.5	5.1	1.7	0.61 U	
01/31/12	ORIG	37	2.8	0.18 U	0.18 U	18	0.14 U	0.53	0.16 U	0.38	1.2 U	8	3.4	7	2.4	0.043 U	22	1.5	5.5	0.8	2.9	0.96	0.61 U	
01/31/12	DUP	36	2.8	0.18 U	0.18 U	18	0.14 U	0.52	0.16 U	0.38	1.2 U	7.5	3.3	6.9	2.5	0.043 U	23	1.5	5.6	0.78	2.8	0.95	0.61 U	
02/29/12	ORIG	23	1.8	0.18 U	0.18 U	6	0.14 U	0.58	0.15 U	0.39	1.2 U	9.3	2	2.5	2.7	0.043 U	24	1.6	6.7	0.96 J	3.4 J	1.2 J	0.6 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	02/29/12	DUP	24	1.8	0.19 U	0.19 U	5.9	0.19	0.59	0.16 U	0.37	1.2 U	9.2	1.9	2.4	2.5	0.044 U	25	1.6	6.6	0.94 J	3.3 J	1.2 J	0.62 U
	03/28/12	ORIG	0.87	0.18 U	0.18 U	0.18 U	0.067 U	0.19	0.74	0.15 U	0.19	1.2 UJ	17	1.2	0.58	2.3	0.043 U	24 J	1.4	5.4	0.74	2.6	0.89 J	0.6 U
	03/28/12	DUP	0.85	0.18 U	0.18 U	0.18 U	0.065 U	0.19	0.65	0.15 U	0.18	1.1 UJ	20	1.2	0.56	2.3	0.042 U	19 J	1.4	5.2	0.75	2.7	0.94 J	0.59 U
	04/30/12	ORIG	0.63	0.18 U	0.19 U	0.19 U	0.068 U	0.29	0.37	0.16 U	0.17 U	1.2 U	9.2	1	0.41	0.17 U	0.044 U	26	0.52	2.7	0.3	0.84	0.28	0.62 U
	04/30/12	DUP	0.58	0.18 U	0.18 U	0.18 U	0.067 U	0.23	0.42	0.15 U	0.16 U	1.2 U	9	1	0.57	0.17 U	0.043 U	28	0.54	2.7	0.28	0.83	0.36	0.6 U
	05/30/12	ORIG	0.41	0.18 U	0.18 U	0.18 U	0.067 U	0.26	0.49	0.15 U	0.16 U	1.2 U	6.3	1.2	0.52	2.3	0.043 U	26 J	0.53	2.2	0.38	1.2	0.42	0.6 U
	05/30/12	DUP	0.37	0.18 U	0.18 U	0.18 U	0.065 U	0.24	0.38	0.15 U	0.16 U	1.1 U	5.2	1.1	0.48	2.1	0.042 U	21 J	0.49	1.9	0.34	1	0.37	0.59 U
	06/27/12	ORIG	0.51	0.18 U	0.18 U	0.18 U	0.067 U	0.24	0.47 J	0.16 U	0.26	1.2 U	3.1	1.1	0.51	2	0.043 U	24	1	11 J	1.7 J	6 J	1.8 J	0.61 U
	06/27/12	DUP	0.49	0.18 U	0.19 U	0.19 U	0.068 U	0.2	0.38 J	0.16 U	0.25	1.2 U	3.4	1.1	0.52	2.2	0.044 U	24	0.99	4.6 J	0.65 J	2.1 J	0.76 J	0.62 U
	07/31/12	ORIG	0.57	0.18 U	0.19 U	0.19 U	0.068 U	0.22	0.45	0.16 U	0.17 U	1.2 U	3.1	1.3	0.53	2.4	0.044 U	24	0.62	3.6 J	0.47	1.5	0.54	0.62 U
	07/31/12	DUP	0.55	0.18 U	0.19 U	0.19 U	0.068 U	0.25	0.48	0.16 U	0.17 U	1.2 U	3.2	1.3	0.53	2.3	0.044 U	29	0.64	4.9 J	0.53	1.6	0.57	0.62 U
	08/30/12	ORIG	0.46	0.18 U	0.19 U	0.19 U	0.068 U	0.25	0.5	0.16 U	0.32	1.2 U	4.8	1.2	0.55	2.7	0.044 U	32	0.86	3.5	0.65	2.1	0.73	0.62 U
	08/30/12	DUP	0.47	0.17 U	0.17 U	0.17 U	0.063 U	0.25	0.49	0.14 U	0.33	1.1 U	4.2	1.2	0.53	2.4	0.04 U	35	0.86	3.8	0.64	2	0.71	0.57 U
	09/26/12	ORIG	0.26	0.17 U	0.18 U	0.18 U	0.064 U	0.17	0.43	0.15 U	0.16 U	1.1 U	1.8	1.1	0.45	2.4	0.041 U	24	0.7	3	0.41	1.3	0.46	0.58 U
	09/26/12	DUP	0.26	0.18 U	0.18 U	0.18 U	0.065 U	0.17	0.49	0.15 U	0.16 U	1.1 U	1.8	1.1	0.44	2.4	0.042 U	21	0.64	3	0.4	1.2	0.45	0.59 U
	10/31/12	ORIG	0.38	0.18 U	0.18 U	0.18 U	0.066 U	0.18	0.5	0.15 U	0.29	1.2 U	1.2	1.3	0.51	2.4	0.042 U	27	1.3 J	4.3 J	0.96	3	1.1	0.6 U
	10/31/12	DUP	0.34	0.18 U	0.18 U	0.18 U	0.065 U	0.25	0.54	0.15 U	0.29	1.4	1.2	1.3	0.48	2.4	0.042 U	26	1.3 J	4.2 J	0.96	3	1.1	0.59 U
Production Area																								
	07/01/10	ORIG	14	990	4.7 U	4.7 U	5.7	3.5 U	5.4 U	3.9 U	4.2 U	5.1	5.1 U	4.8 U	6.6 U	4.2 U	2.2 U	30	2.7 U	4.6	3.7 U	3.7 U	3.7 U	3.1 U
	08/27/10	ORIG	5.9	130	0.19 U	0.19 U	2.4	0.14 U	0.4	0.16 U	0.17	1.4	1	2	1.8	2.3	0.044 U	16	1	2.9	0.35	0.89	0.28	0.62 U
	11/30/10	ORIG	37	3.7	0.45	0.15 U	14	0.21	0.42 J	0.43	0.36	1.2	12	2.9	6.6	2.5	0.034 U	140 E	8.4	19	1.8	6.7	2.8	0.48 U
	01/26/11	ORIG	30	2.5	0.61	0.19 U	9.5	0.26	0.51 J	0.18	0.4	1.9	6.6	3.7	5.4	2.6	0.045 U	270 E	2.8	16	1.8	6.2	2.4	0.63 U
	02/28/11	ORIG	51	4.3	0.28	0.18 U	24 J	0.24	0.41	0.15 U	0.44	1.1 U	1.5	5	9.2	2.3	0.042 U	160 E	2	6.1	0.71	2.2	0.72	0.59 U
	03/30/11	ORIG	32	3	1.5 U	1.5 U	10 J	1.1 U	1.7 U	1.2 U	1.3 U	9.4 U	19	3.9	5.2	2.4	0.35 U	140	2.2 U	5.1	1.2 U	2.4 U	1.2 U	4.9 U
	04/29/11	ORIG	10	0.77	0.19 U	0.19 U	3.1	0.15	0.44 J	0.16 U	0.16	1.2 U	2.7 J	2.6 J	1.9	2.8	0.044 U	210 E	0.66	3.9	0.22	0.58	0.19	0.62 U
	05/31/11	ORIG	35	2.3	1.2	0.18 U	13	0.14 J	0.5 J	0.15 U	0.4	1.6	29	2.5	4.8	2.5	0.043 U	32	1.2	5.2	0.69	2.6	1.1 J	0.6 U
	06/29/11	ORIG	13	0.96	0.18 U	0.18 U	3.8	0.13 U	0.53	0.15 U	0.2	1.2 U	2.6 J	1.8	1.8	2.5	0.042 U	130 E	0.74	9.9	1.5	2.7	0.81	0.6 U
	07/27/11	ORIG	6.7	0.48	0.16 U	0.16 U	1.9	0.12 U	0.57 J	0.14 U	0.14 U	1.3	5.2 J	1.5	1.1	2.6	0.038 U	13	0.45	1.6	0.25	0.8	0.29	0.54 U
	08/31/11	ORIG	16	1	0.16 U	0.16 U	4.2	0.13	0.55	0.14 U	0.21	4.2	4.3 J	11	1.8	2.8	0.038 U	24	0.7	4.1	0.51	1.5	0.64	0.54 U
	09/27/11	ORIG	24	1.8	0.18 U	0.18 U	7.6	0.16	0.47	0.15 U	0.5	2.8	4.4	2.4	3	2.5	0.043 U	45	2.2	6.7	1.1	3.7	1.5	0.6 U
	10/28/11	ORIG	20	1.6	0.18 U	0.18 U	6.6	0.15 J	0.5	0.15 U	0.41	1.4	3.4 J	2	2.4	2.5	0.043 U	150 E	3.6	11	2.3	8	3.1	0.6 U
	11/30/11	ORIG	82	5.4	0.2 U	0.2 U	23	0.18	0.47	0.17 U	0.74	1.8	5.6 J	4	7.5	2.4	0.047 U	92 E	2.8	9.6	1.5	5	1.9	0.66 U
	12/21/11	ORIG	17	2	0.18 U	0.18 U	10	0.3	0.72	0.15 U	0.39	1.4	0.19 U	2.5	3.7	2.7	0.041 U	37	2.5	3.6	0.14 U	0.28 U	0.14 U	0.58 U
	01/31/12	ORIG	30	2.1	0.18 U	0.18 U	10	0.14 U	0.6	0.15 U	0.26	1.2 U	14	2.3	3.2	2.5	0.043 U	15	1.2	6.1	0.69	2.7	1	0.6 U
	02/29/12	ORIG	16	1.2	0.18 U	0.18 U	2.7	0.14	0.59	0.15 U	0.26	1.2 U	18	1.5	1.2	2.5	0.043 U	31	1.6	11	1.4 J	5.8 J	2 J	0.6 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	03/28/12	ORIG	0.8	0.16 U	0.16 U	0.16 U	0.075	0.12 U	0.72	0.14 U	0.18	1 UJ	24	1.2	0.65	2.4	0.039 U	15	1.3	6	0.62	2.2	0.77 J	0.55 U
	04/30/12	ORIG	0.24	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.4	0.15 U	0.16 U	1.2 U	1	1	0.58	0.17 U	0.043 U	23	0.58	3.5	0.27	0.83	0.36	0.6 U
	05/30/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.46	0.16 U	0.17 U	1.2 U	0.45	1.1	0.49	2.2	0.044 U	9.8	0.51	2	0.28	0.89	0.34	0.62 U
	06/27/12	ORIG	0.34	0.18 U	0.42	0.19 U	0.068 U	0.14 U	0.32 J	0.16 U	0.2	1.2 U	0.51	1.1	0.52	2.2	0.044 U	34	1	20	0.72	2.3	0.88	0.62 U
	07/31/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.49	0.16 U	0.17 U	1.2 U	0.49	1.3	0.53	2.4	0.044 U	22	0.57	3.8	0.4	1.4	0.56	0.62 U
	08/30/12	ORIG	0.26	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.51	0.16 U	0.31	1.2 U	0.61	1.2	0.54	2.3	0.044 U	22	0.81	4.8	0.54	1.6	0.65	0.62 U
	09/26/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.42	1.1	0.46	2.3	0.044 U	16	0.79	3.5	0.45	1.5	0.54	0.62 U
	10/31/12	ORIG	0.34	0.18 U	0.18 U	0.18 U	0.066 U	0.13 J	0.55	0.15 U	0.24	1.2 U	0.5	1.2	0.48	2.3	0.042 U	23	1.2 J	4.7 J	0.71	2.4	0.92	0.6 U
Warehouse																								
	07/01/10	ORIG	12	410	7.6 U	7.6 U	5.6 U	5.7 U	8.8 U	6.4 U	6.8 U	4.9 U	8.4 U	7.9 U	11 U	6.9 U	3.6 U	47	4.5 U	9.2	6.1 U	6.1 U	6.1 U	5 U
	08/27/10	ORIG	11	65	1.8 U	1.8 U	2	1.4 U	2.1 U	1.5 U	1.6 U	12 U	2 U	2.6	2.8	2.3	0.43 U	24	2.7 U	7.7	1.4 U	3.2	1.5	6 U
	11/30/10	ORIG	13	1.9	0.94	0.18 U	4.6	0.18	0.46 J	0.53	0.27	1.1 U	6.9	2.1	4.4	2.4	0.042 U	27	3	24	1.3	4.6	2	0.59 U
	01/26/11	ORIG	12	2.1	0.91	0.18 U	3.3	0.2	0.5 J	0.47	0.29	1.6	5.6	2.6	3.1	2.6	0.042 U	59	3	20	2	6.8	2.7	0.59 U
	02/28/11	ORIG	9.7	1.4	0.9	0.16 U	4 J	0.13	0.43	0.15	0.25	1 U	1	2.4	2.8	2.4	0.037 U	21	1.9	10	0.76	2.5	0.92	0.53 U
	03/30/11	ORIG	9.2	3.5	1.7 U	1.7 U	2.6 J	1.3 U	2 U	1.4 U	1.5 U	11 U	4.7	2.6	2.4 J	2.5	0.4 U	32	2.5 U	5.4	1.4 U	2.7 U	1.4 U	5.7 U
	04/29/11	ORIG	1.6	1.7	0.21	0.15 U	0.31	0.11 U	0.48 J	0.12 U	0.15	0.93 U	2.9 J	2 J	1.1	2.8	0.034 U	15	0.57	1.4	0.27	0.96	0.38	0.48 U
	05/31/11	ORIG	4.4	0.39	0.78	0.18 U	1.2	0.13 UJ	0.52 J	0.15 U	0.26	1.3	6	1.4	1.2	2.6	0.042 U	18	1.4	5.6	0.76	3	1.3 J	0.59 U
	06/29/11	ORIG	6.8	0.6	0.18 U	0.18 U	1.7	0.14 U	0.53	0.15 U	0.16 U	1.2 U	0.22 J	1.6	1.4	2.4	0.043 U	23	0.62	2.9	0.49	1.4	0.54	0.6 U
	07/27/11	ORIG	6.2	0.52	0.16 U	0.16 U	1.5	0.12 U	0.5 J	0.14 U	0.14 U	1.3	1.3 J	1.4	1.2	2.2	0.038 U	9.1	0.68	2.7	0.43	1.2	0.48	0.54 U
	08/31/11	ORIG	11	0.86	0.18 U	0.18 U	2.7	0.13 U	0.6	0.15 U	0.22	1.1 U	3.5 J	9.9	2.1	3	0.041 U	14	0.72	2.1	0.38	1.1	0.48	0.58 U
	09/27/11	ORIG	11	1.1	0.19 U	0.19 U	3.2	0.15	0.5	0.16 U	0.46	2.4	1.2	2	2.1	2.3	0.044 U	34	2.2	6.4	0.97	2.9	1.1	0.62 U
	10/28/11	ORIG	8.4	0.77	0.18 U	0.18 U	2.4	0.14 J	0.49	0.15 U	0.34	1.3	1 J	1.7	1.6	2.4	0.042 U	45	3	9.4	1.6	6.1	2.2	0.59 U
	11/30/11	ORIG	34	3.1	0.18 U	0.18 U	10	0.3	0.39	0.15 U	0.65	2.4	5 J	3	5.3	2.4	0.043 U	100 E	3.3	16	2.1	6.7	2.4	0.6 U
	12/21/11	ORIG	11	1.1	0.18 U	0.18 U	3.8	0.22	0.78	0.15 U	0.3	1.1 U	5	2	2.2	2.8	0.042 U	30	3.6	13	1.8	6.2	2.1	0.59 U
	01/31/12	ORIG	9.6	0.83	0.18 U	0.18 U	2.9	0.13 U	0.6	0.15 U	0.18	1.2 U	5	1.6	1.7	2.5	0.042 U	15	1.5	5	0.85	3.2	1.2	0.6 U
	02/29/12	ORIG	3.8	0.42	0.18 U	0.18 U	0.64	0.13 U	0.22	0.15 U	0.16 U	1.1 U	29	1.4	0.83	2.5	0.042 U	38	1.7	9.1	1.8 J	7.9 J	2.6 J	0.59 U
	03/28/12	ORIG	1.2	0.2	0.18 U	0.18 U	0.11	0.13 U	0.77	0.15 U	0.17	1.1 UJ	7.7	1.3	0.72	2.4	0.042 U	12	1.6	4.5	0.68	2.4	0.83 J	0.59 U
	04/30/12	ORIG	0.32	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.42	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.6	0.17 U	0.043 U	16	0.56	1.6	0.24	0.73	0.27	0.6 U
	05/30/12	ORIG	0.35	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.2 U	1.1	0.49	2.2	0.044 U	10	0.45	1.9	0.26	0.85	0.32	0.62 U
	06/27/12	ORIG	0.41	0.18 U	0.68	0.19 U	0.068 U	0.14 U	0.35 J	0.16 U	0.19	1.2 U	0.21 U	1.1	0.52	2	0.044 U	51	1	28	0.61	1.9	0.66	0.62 U
	07/31/12	ORIG	0.28	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.53	2.4	0.045 U	19	0.53	2.6	0.33	1.1	0.42	0.63 U
	08/30/12	ORIG	0.28	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.61	0.16 U	0.22	1.2 U	0.21 U	1.2	0.54	2.4	0.045 U	21	0.83	3.3	0.52	1.6	0.62	0.63 U
	09/26/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.5	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.46	2.4	0.043 U	15	0.66	2.3	0.37	1.2	0.46	0.6 U
	10/31/12	ORIG	0.35	0.24	0.17 U	0.17 U	0.062 U	0.14	0.62	0.14 U	0.26	2.6	0.19 U	1.5	0.55	2.6	0.04 U	23	1.6 J	4.7 J	0.88	2.9	1.1	0.57 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
LA Carts																								
Admin Office																								
09/08/06	ORIG		0.24	1.2	0.15 U	0.15 U	0.06	0.11 U	0.5	0.12 U	0.14	5.2	0.16	1.5	0.7	2.6	0.034 U	74 E	1.6	10	1.2	4.5	1.7	0.48 U
03/31/10	ORIG		0.25 U	0.66	0.2 U	0.2 U	0.2	0.16	0.38	0.17 U	0.18 U	1.6	0.22 U	1	0.79	2	0.048 U	12	0.55	5.7	0.2	0.46	0.16 U	0.67 U
Large Production Room																								
09/08/06	ORIG		1.6	0.38 U	0.39 U	0.39 U	2.5	0.29 U	0.52	0.33 U	0.37	5.9	0.43 U	2.9	8.7	3.2	0.092 U	480 E	2.2	210	2	7.3	2.6	1.3 U
03/31/10	ORIG		0.25	0.28	0.18 U	0.18 U	0.74	0.13 U	0.38	0.15 U	0.16 U	1.1 U	0.2 U	1.2	1.4	2	0.042 U	15	0.55	43	0.35	0.94	0.23	0.59 U
Small Production Room																								
09/08/06	ORIG		1.1 U	0.88 U	0.89 U	0.89 U	3.6	0.66 U	1 U	0.76 U	0.8 U	5.7 U	0.99 U	3.2	14	2.9	0.21 U	1200 E	1.3	570	0.95	2.9	1	3 U
03/31/10	ORIG		0.24 J	0.2 U	0.2 U	0.2 U	0.79	0.15 U	0.38	0.17 U	0.18 U	1.3 U	0.22 U	1.3	1.5	2.1	0.047 U	13	0.58	52	0.22	0.4	0.16 U	0.66 U
Madsen Roofing																								
Office																								
07/23/08	ORIG		2.5	0.96	0.19	0.18 U	0.21	0.2	0.44	0.15 U	0.27	1.1 U	0.2 U	1.2	1	2.1	0.042 U	37	1.5	6.3	4.4	12	1.9	0.59 U
07/23/08	DUP		1.6 J	0.19 J	0.15 UJ	0.15 UJ	0.053 UJ	0.11 UJ	0.43 J	0.12 UJ	0.16 J	0.93 UJ	0.16 UJ	1.3 J	0.81 J	2.2 J	0.034 UJ	18 J	0.77 J	4 J	7.3 J	21 J	2.9 J	0.48 UJ
03/03/09	ORIG		2.3	0.37	0.18 U	0.18 U	0.26	0.13 U	0.53	0.15 U	0.17	1.1 U	0.2 U	2.5	0.96	2.5	0.042 U	23	1.7	9.5	1.3	4.7	1.7	0.59 U
03/31/10	ORIG		5	0.53	0.2 U	0.2 U	0.78	0.16	0.42	0.17 U	0.36	1.3 U	0.22 U	1.3	1.7	2.1	0.048 U	32	2.6	8.3	0.95	3	1.1	0.67 U
09/29/10	ORIG		0.51	0.19 U	0.2 U	0.2 U	0.16	0.14 U	0.44	0.16 U	0.18	1.6	0.22 U	2	0.84	2.9	0.046 U	30	5.4	10	1.4	4.2	1.4	0.64 U
03/30/11	ORIG		0.47	0.15 U	0.16 U	0.16 U	0.46 J	0.18	0.44	0.13 U	0.18	2.5	0.17 U	1.9	0.8	2.5	0.037 U	40	7.6	14	1.8	6.3	2.7 J	0.52 U
09/27/11	ORIG		0.65	0.19 U	0.2 U	0.2 U	0.071 U	0.16	0.44	0.16 U	0.3	2.5	0.22 U	1.5	0.56	2.3	0.046 U	50	3.3	7.8	1.2	3.9	1.5	0.64 U
03/28/12	ORIG		0.21 U	0.17 U	0.17 U	0.17 U	0.063 U	0.13 U	0.69	0.14 U	0.16	1.1 UJ	0.19 U	1.2	0.57	2.3	0.04 U	33	2.1	9	1.3	4.7	1.7 J	0.57 U
09/26/12	ORIG		0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.51	0.16 U	0.17 U	1.2 U	0.2 U	1.4	0.54	2.8	0.044 U	73	1.9	8.2	1.5	4.7	1.9	0.62 U
Warehouse																								
07/23/08	ORIG		1.6	0.28	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.81	2.4	0.045 U	18	0.94	4.2	13	37	4.9	0.63 U
07/23/08	EPA		6.1 U	4.83 U	4.91 U	4.91 U	3.57 U	3.64 U	5.66 U	4.14 U	4.39 U	23.95	5.41 U	5.06 U	6.9 U	4.45 U	2.3 U	--	2.87 U	3.39 U	3.91 U	7.38 U	3.91 U	--
Medlin & Son																								
Front office area																								
05/11/04	ORIG		4.3	2.7	0.46 U	0.46 U	5.1	0.34 U	0.67	0.39 U	0.42 U	3.9	0.95	8.7	40	2.6 J	0.11 U	3400 E	1	5.3	0.79	2.2	0.87	1.5 U
09/14/05	ORIG		22	14	0.18 U	0.18 U	10	0.13 U	0.84	0.15 U	0.27	1.7	0.2	12	34	1.8	0.041 U	530 E	1	7.4	0.72	2.5	0.9	0.58 U
03/03/09	ORIG		17	6.6	0.36 U	0.36 U	4.4	0.27 U	0.52	0.31 U	0.33 U	34	0.49	4.8	9.8	2.5	0.086 U	3800 E	1.7	8.8	3.8	7.5	2.2	1.2 U
03/03/09	EPA		13.6 U	10.7 U	10.9 U	10.9 U	7.9 U	8.1 U	12.6 U	9.2 U	9.8 U	6.9 U	12 U	11.2 U	15.3 U	9.9 U	5.1 U	--	6.4 U	10.2	8.7 U	17.8 U	8.7 U	--
03/31/10	ORIG		23	10	0.18 U	0.18 U	4.3	0.17	0.37	0.15 U	0.16 U	2.3	0.19 U	3	8.9	2.2	0.041 U	170 E	0.54	2.3	3.8	15	3.7	0.58 U
09/29/10	ORIG		0.88	0.34	0.18 U	0.18 U	0.57	0.13 U	0.42	0.15 U	0.21	1.8	0.2 U	2.1	1.5	2.7	0.042 U	390 E	1.7	5.2	1.7	4	1.5	0.59 U
03/30/11	SPLIT		2.3 J	0.74 J	0.11 U	0.11 U	0.4 J	0.098	0.56	0.092 U	0.32 J	5.2	0.22	1.6	0.92	2.7	0.026 U	52	1.8 J	6.5 J	1.8 J	5.3 J	2.2 J	0.36 U
03/30/11	ORIG		1.6 J	0.59 J	0.18 U	0.18 U	0.93 J	0.13 U	0.5	0.15 U	0.23 J	4.9	0.24	1.7	1	2.6	0.041 U	60	1.3 J	5.2 J	0.95 J	3.2 J	1.3 J	0.58 U
09/27/11	SPLIT		0.62	0.18	0.11 U	0.41	0.054	0.095 J	0.56	0.092 U	0.37	51 J	0.2	1.2 J	0.72	3.2	0.026 U	57	2.1	9.5 J	1.8 J	7.1 J	3.1 J	0.36 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/27/11	ORIG	0.64	0.2 U	0.2 U	0.2 U	0.074 U	0.16 J	0.5	0.17 U	0.32	34 J	0.22 U	1.5 J	0.61	2.7	0.048 U	68	1.9	6.8 J	1.3 J	4.6 J	1.7 J	0.67 U
	03/28/12	SPLIT	0.35 J	0.1	0.11 U	0.11 U	0.044	0.11	0.55 J	0.092 U	0.22	33	0.16	1.4	0.64	2.7 J	0.026 U	300	1.7 J	6.1	1.8 J	6.1	2.3 J	0.36 U
	03/28/12	ORIG	0.21 J	0.16 U	0.16 U	0.16 U	0.06 U	0.12 U	0.74 J	0.14 U	0.22	32 J	0.18 U	1.3	0.57	2.5 J	0.039 U	360 E	1.3 J	5	1.3 J	5	1.8 J	0.55 U
	09/26/12	SPLIT	0.64	0.17	0.11 U	0.11 U	0.04 U	0.18	0.58	0.092 U	0.13	1.7	0.14	1.4	0.69	2.1 J	0.026 U	29 J	0.77	3.5	0.79	2.7 J	1.1 J	0.36 U
	09/26/12	ORIG	0.52	0.22	0.17 U	0.17 U	0.063 U	0.13 U	0.56	0.14 U	0.18	1.8	0.19 U	1.3	0.64	2.8 J	0.04 U	39 J	0.85	3.2	0.7	2.2 J	0.84 J	0.57 U
Production area																								
	05/11/04	ORIG	6.2	2.6	0.21	0.19 U	6.6	0.14 U	0.8	0.16 U	0.2	5.1	0.21 U	8.9	36	3.3	0.044 U	39	1.1	7.3	0.85	2.7	1	0.63 U
	09/14/05	ORIG	4.6	2.3	0.2 U	0.2 U	2.9	0.15 U	1.3	0.17 U	0.32	1.3 U	0.22 U	5.4	17	1.2	0.047 U	22	0.91	4.8	0.79	2.7	0.98	0.66 U
	03/03/09	ORIG	2.3	0.9	0.19 U	0.19 U	0.89	0.14 U	0.5	0.16 U	0.17 U	36	0.21 U	2.6	2.8	2.3	0.045 U	41	1.1	6.2	2	4.2	1.3	0.63 U
	03/31/10	ORIG	10	4.8	0.6 U	0.6 U	3.5	0.44 U	0.69 U	0.5 U	0.53 U	5.1	0.66 U	3.1	9.4	2.3	0.14 U	280 E	0.87 U	1.6	7.1	26	5.8	2 U
	09/29/10	ORIG	0.8	0.24	0.19 U	0.19 U	0.88	0.14 U	0.43	0.16 U	0.21	1.7	0.21 U	2.3	2.3	2.9	0.045 U	180 E	1.6	4.7	2.5	5.8	2.5	0.63 U
	03/30/11	ORIG	0.62	0.19	0.16 U	0.16 U	0.18 J	0.14	0.48	0.14 U	0.18	5.8	0.18 U	1.6	1	2.8	0.039 U	22	1.5	6	1.3	4.5	1.6 J	0.55 U
	09/27/11	ORIG	0.51	0.19 U	0.2 U	0.2 U	0.071 U	0.14 J	0.45	0.16 U	0.26	59	0.22 U	1.4	0.55	2.4	0.046 U	44	1.7	5.7	1.1	3.6	1.3	0.64 U
	03/28/12	ORIG	0.22 U	0.17 U	0.18 U	0.18 U	0.064 U	0.13 U	0.71	0.15 U	0.16 U	80 J	0.19 U	1.2	0.56	2.4	0.041 U	140 E	0.88	3.4	1.2	4.9	1.6 J	0.58 U
	09/26/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.49	0.15 U	0.17	5.5	0.2 U	1.3	0.55	3	0.043 U	30	0.88	2.7	0.6	2	0.83	0.6 U
Medlin North																								
Building Interior																								
	09/08/06	ORIG	1.6 U	1.3 U	1.3 U	1.3 U	0.47 U	0.96 U	1.5 U	1.1 U	1.2 U	8.3 U	1.4 U	1.6	1.9	2.6	0.3 U	430	1.9 U	2.8	1 U	2.1 U	1 U	4.3 U
	10/07/10	ORIG	0.28	0.18 U	0.19 U	0.19 U	0.22	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.2 U	1.8	0.96	2.5	0.044 U	21	0.81	2.3	0.32	0.84	0.29	0.62 U
	03/30/11	ORIG	0.38	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.48	0.16 U	0.17	1.4	0.21 U	1.6	0.82	2.7	0.045 U	21	1.4	4.4	0.53	1.5	0.54	0.63 U
	09/27/11	ORIG	0.6	0.2 U	0.2 U	0.2 U	0.074 U	0.15	0.46	0.17 U	0.26	8.5	0.22 U	1.4	0.61	2.4	0.048 U	35	1.7	5.1	0.81	2.3	0.9	0.67 U
Merchants Metals																								
Office Area																								
	04/18/12	ORIG	60	8.5	0.19 U	0.19 U	45	0.15 J	0.81 J	0.16 U	0.26	1.2	0.7	18	75	2.8	0.044 U	21	1.3	8.2	0.89	3.3	1.3	0.62 U
	05/30/12	ORIG	68	9.6	0.23 U	0.23 U	35	0.17 U	0.45	0.2 U	0.21 U	1.5 U	0.62	14	58	2.4	0.054 U	15	0.59	4.6	0.61	2.1	0.86	0.76 U
Production Area																								
	04/18/12	ORIG	0.77	0.24	0.22	0.19 U	0.64	0.16 J	1.1 J	0.16 U	0.26	1.9	0.2 U	1.8	2.2	3	0.044 U	27	3.4	26	3.5	14	4.5	0.62 U
	05/30/12	ORIG	0.28 U	0.22 U	0.22 U	0.22 U	0.082 U	0.17 U	0.35	0.19 U	0.2 U	1.4 U	0.25 U	1.2	0.71	2.3	0.053 U	15	0.68	5.7	0.66	2.3	0.8	0.74 U
	09/26/12	ORIG	1.1	0.31	0.18 U	0.18 U	0.82	0.14 U	0.44	0.15 U	0.16 U	1.2 U	0.2 U	1.6	3	2.6	0.043 U	280 E	1.4	13	17	59	17	0.6 U
Regional Occupational Program																								
Classroom (Room 104)																								
	03/31/10	ORIG	2	0.32	0.2 U	0.2 U	0.63	0.16	0.38	0.16 U	0.17 U	1.2 U	0.22 U	1.1	0.84	2.1	0.046 U	69	0.48	0.99	0.16	0.33	0.16 U	0.64 U
	05/27/10	ORIG	0.25	0.37	0.16 U	0.16 U	0.058 UJ	0.12 U	0.8	0.13 U	0.14 U	4.9	0.18 U	1.8	0.81 J	2.8	0.037 U	18	0.69	4.4	0.61	1.6	0.46	0.53 U
	07/01/10	ORIG	0.22 J	0.49	0.18 U	0.18 U	0.067 U	0.14 U	0.39	0.15 U	0.18	4	0.2 U	1.8	0.61	2.6	0.043 U	52	0.94	2.8	0.26	1.8	0.29	0.6 U
	07/28/10	ORIG	0.26	0.19	0.18 U	0.18 U	0.064 U	0.13 U	0.37	0.15 U	0.16 U	1.1 U	0.19 U	1.2	0.5	2	0.041 U	26	0.54	1.8	0.33	0.75	0.3	0.58 U

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Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	08/27/10	ORIG	0.79	0.18 U	0.18 U	0.18 U	0.24	0.13 U	0.43	0.15 U	0.16 U	1.1 U	0.2 U	1.6	0.61	2.2	0.042 U	23	1.2	2.6	0.32	0.74	0.32	0.59 U
	10/07/10	ORIG	0.86	0.18 U	0.18 U	0.18 U	0.77	0.13 U	0.44	0.15 U	0.16 U	1.1 U	0.2 U	1.8	1.1	2.6	0.042 U	18	0.75	2.2	0.27	0.71	0.35	0.59 U
	10/27/10	ORIG	0.45	0.17 U	0.18 U	0.18 U	0.12	0.13 U	0.45	0.15 U	0.16 U	1.1 U	0.19 U	1.3	0.81	2.6	0.041 U	12	0.7	1.8	0.25	0.72	0.3	0.58 U
	11/30/10	ORIG	0.98	0.18 U	0.18 U	0.18 U	0.2	0.13 U	0.46 J	0.15 U	0.16 U	1.1 U	0.2 U	1.1	0.6	2.5	0.042 U	15	1.3	3.9	0.61	1.7	0.55	0.59 U
	12/28/10	ORIG	8.8	0.39	0.15 U	0.15 U	1.7	0.17	0.5 J	0.12 U	0.2	0.93 U	0.16 U	1.8	1.7	2.7	0.034 U	12	4.6	12	1.6	5.4	1.5	0.48 U
	01/26/11	ORIG	2	0.2	0.18 U	0.18 U	0.3	0.21	0.48 J	0.15 U	0.2	1.9	0.19 U	1.4	0.96	2.6	0.041 U	710 E	2.9	8.1	1.2	3.7	1.1	0.58 U
	02/28/11	ORIG	0.85	0.18 U	0.18 U	0.18 U	0.22 J	0.13 U	0.41	0.15 U	0.16 U	1.1 U	0.2 U	1.6	0.67	2.4	0.042 U	9.3	1.2	2.7	0.43	1.4	0.47	0.59 U
	03/30/11	ORIG	0.88	0.18 U	0.18 U	0.18 U	0.18 J	0.15	0.47	0.15 U	0.18	1.4	0.2 U	1.5	0.62	2.5	0.043 U	52	1.2	3.9	0.53	1.5	0.49	0.6 U
	04/29/11	ORIG	1.1	0.17 U	0.18 U	0.18 U	0.22	0.17	0.47 J	0.15 U	0.17	6.3	0.19 J	2 J	0.9	2.9	0.041 U	29	0.58	4	0.45	1.1	0.29	0.58 U
	05/31/11	ORIG	0.91	0.19 U	0.19 U	0.19 U	0.15	0.14 UJ	0.52 J	0.16 U	0.22	1.2 U	0.21 U	1.1	0.7	2.5	0.045 U	17	1.2	4.1	0.55	1.7	0.59 J	0.63 U
	06/29/11	ORIG	0.67	0.18 U	0.18 U	0.18 U	0.096	0.13 U	0.52	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.61	2.5	0.042 U	18	0.61	1.9	0.32	0.93	0.34	0.6 U
	07/27/11	ORIG	0.56	0.18 U	0.18 U	0.18 U	0.091	0.14 U	0.5 J	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.56	2.2	0.043 U	14	0.33	1.2	0.19	0.55	0.2	0.6 U
	08/31/11	ORIG	0.59	0.17 U	0.17 U	0.17 U	0.066	0.13 U	0.53	0.14 U	0.15 U	1.1 U	0.19 UJ	2	0.54	2.8	0.04 U	13	0.51	1.7	0.23	0.65	0.25	0.56 U
	09/27/11	ORIG	0.98	0.21	0.17 U	0.17 U	0.13	0.15	0.57	0.5	0.37	4.3	0.23	1.5	0.63	2.7	0.04 U	52	1.8	82	1.4	3.7	1.6	0.56 U
	10/28/11	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.17	0.14 UJ	0.48	0.15 U	0.28	1.7	0.2 UJ	1.3	0.64	2.4	0.043 U	30	2.4	7.6	1.2	4.5	1.6	0.6 U
	11/30/11	ORIG	1	0.3	0.19 U	0.19 U	0.068 U	0.18	0.47	0.16 U	0.32	1.8	0.2 UJ	1.3	0.59	2.4	0.044 U	49	2.2	7.7	1.2	3.8	1.4	0.62 U
	12/21/11	ORIG	0.98	0.18 U	0.18 U	0.18 U	0.11	0.22	0.75	0.16 U	0.18	1.2 U	0.2 U	1.4	0.69	2.7	0.043 U	20	2.6	7.6	1.2	4.2	1.4	0.61 U
	01/31/12	ORIG	1.1	0.18 U	0.19 U	0.19 U	0.18	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.69	2.5	0.044 U	14	0.92	2.8	0.41	1.5	0.5	0.62 U
	02/29/12	ORIG	0.94	0.22	0.18 U	0.18 U	0.12	0.14 U	0.6	0.16 U	0.16	1.2 U	0.2 U	1.3	0.64	2.5	0.043 U	22	1.4	3.3	0.54 J	1.8 J	0.73 J	0.61 U
	03/29/12	ORIG	0.31	0.18 U	0.23	0.19 U	0.068 U	0.14 U	0.76	0.16 U	0.17 U	1.2 UJ	0.2 U	1.2	0.52	2.2	0.044 U	570 E	0.6	11	0.57	5.6 J	1.3 J	0.62 U
	04/30/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.16	0.14 U	0.42	0.15 U	0.16 U	1.2 U	0.2 U	1.2	0.52	0.17 U	0.043 U	15	0.52	1.3	0.2	0.61	0.3	0.6 U
	05/30/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.36	0.15 U	0.16 U	1.3	0.2 U	1.1	0.49	2.2	0.043 U	10	0.41	1.3	0.22	0.66	0.25	0.6 U
	06/27/12	ORIG	0.26	0.18 U	0.18 U	0.18 U	0.066 U	0.13 U	0.39 J	0.15 U	0.18	1.2 U	0.2 U	1.1	0.52	2.1	0.042 U	14	0.82	3	0.46	1.5	0.55	0.6 U
	07/31/12	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.072 U	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	1.2	0.53	2.3	0.047 U	12	0.44	1.4	0.26	0.78	0.29	0.66 U
	08/30/12	ORIG	0.23	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.52	0.15 U	0.21	1.2 U	0.22	1.2	0.52	2.4	0.043 U	30	0.77	2.8	0.52	1.7	0.61	0.6 U
	09/26/12	ORIG	0.29	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.58	0.16 U	0.17	1.2 U	0.2 U	1.2	0.58	2.6	0.044 UJ	29	0.76	2.4	0.45	1.5	0.61	0.62 U
	10/31/12	ORIG	0.39	0.18 U	0.18 U	0.18 U	0.066	0.14 U	0.6	0.16 U	0.31	1.4	0.2 U	1.4	0.57	2.5	0.043 U	30	1.5 J	4.6 J	0.87	3	1.1	0.61 U
Dental Annex (Classroom)																								
	05/27/10	ORIG	17	1.6	0.2 U	0.2 U	12	0.15 U	0.53	0.17 U	0.84	1.3 U	0.22 U	3.5	7.1	2.9	0.047 U	32	0.56	2	0.46	1.1	0.34	0.66 U
	07/01/10	ORIG	0.39	0.24	0.17 U	0.17 U	0.063 U	0.13 U	0.37	0.14 U	0.33	1.1	0.19 U	1.5	0.54	2.5	0.04 U	37	0.92	2.7	0.25	0.58	0.21	0.57 U
	08/27/10	ORIG	1	0.18 U	0.18 U	0.18 U	0.16	0.14 U	0.37	0.15 U	0.25	1.2 U	0.2 U	1.5 J	0.59	2.2	0.043 U	18	0.89	2.7	0.34	0.85	0.28	0.6 U
	10/07/10	ORIG	1	0.18 U	0.18 U	0.18 U	0.42	0.14 U	0.42	0.15 U	0.32	1.2 U	0.2 U	1.8	0.8	2.5	0.043 U	190 E	0.79	2.6	0.32	0.82	0.28	0.6 U
	10/27/10	ORIG	1.1	0.17 U	0.18 U	0.18 U	0.27	0.13 U	0.44	0.15 U	0.35	1.1 U	0.19 U	1.8	1.1	2.5	0.041 U	52	0.97	2.6	0.39	1.1	0.49	0.58 U
	11/30/10	ORIG	0.85	0.19	0.16 U	0.16 U	0.13	0.16	0.47 J	0.14 U	0.27	4.6	0.18 U	1.4	0.6	2.5	0.039 U	51	1.6	9.7	1.4	3.6	1.1	0.55 U
	12/28/10	ORIG	2.6	0.2	0.15 U	0.15 U	0.44	0.22	0.52 J	0.12 U	0.45	0.94 U	0.16 U	1.6	0.85	2.6	0.035 U	16	3.2	8.1	1	3.3	1.1	0.49 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	01/26/11	ORIG	2.4	0.19	0.18 U	0.18 U	0.34	0.19	0.5 J	0.15 U	0.34	1.9	0.19 U	1.7	1.1	2.6	0.041 U	24	3	8.7	1.2	3.7	1.1	0.58 U
	02/28/11	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.15 J	0.14	0.42	0.15 U	0.21	1.2 U	0.2 U	1.5	0.62	2.3	0.043 U	21	1.4	3.3	0.53	1.6	0.57	0.6 U
	03/30/11	ORIG	0.95	0.19 U	0.2 U	0.2 U	0.12 J	0.15	0.42	0.16 U	0.4	1.8	0.22 U	1.5	0.54	2.4	0.046 U	29	1.9	5.2	0.7	1.8	0.65 J	0.64 U
	04/29/11	ORIG	1.6	0.18 U	0.18 U	0.18 U	0.21	0.18	0.46 J	0.15 U	0.33	1.1 U	0.2 J	2 J	0.85	2.9	0.042 U	100 E	0.5	1.4	0.21	0.51	0.2	0.59 U
	05/31/11	ORIG	0.5	0.18 U	0.18 U	0.18 U	0.14	0.2 J	0.49 J	0.15 U	0.37	1.8	0.2 U	1.1	0.66	2.6	0.043 U	23	1	2.8	0.17	0.5	0.16 J	0.6 U
	06/29/11	ORIG	0.88	0.18 U	0.18 U	0.18 U	0.096	0.13 U	0.52	0.15 U	0.46	1.1 U	0.2 UJ	1.2	0.59	2.4	0.042 U	54	0.6	2.3	0.38	1.1	0.42	0.59 U
	07/27/11	ORIG	1.4	0.17 U	0.17 U	0.17 U	0.18	0.12 U	0.52 J	0.14 U	0.49	1.1 U	0.19 UJ	1.3	0.6	2.5	0.04 U	12	0.31	1	0.19	0.59	0.21	0.56 U
	08/31/11	ORIG	1.6	0.18 U	0.18 U	0.18 U	0.2	0.13 U	0.57	0.15 U	0.55	1.2 U	0.2 UJ	2.1	0.62	2.9	0.042 U	19	0.46	1.5	0.22	0.63	0.21	0.6 U
	09/27/11	ORIG	1.9	0.26	0.17 U	0.17 U	0.33	0.19	0.44	0.43	0.61	3.5	0.19 U	1.4	0.71	2.4	0.04 U	120 E	1.7	75	1.4	4	1.6	0.56 U
	10/28/11	ORIG	1.8	0.2	0.18 U	0.18 U	0.26	0.16	0.34	0.15 U	0.53	1.5	0.2 U	1.4	0.78	2.7	0.043 U	37	2.8	8.9	1.4	5.2	1.8	0.6 U
	11/30/11	ORIG	1.8	0.3	0.2 U	0.2 U	0.17	0.24	0.46	0.16 U	0.54	2.2	0.22 UJ	1.4	0.68	2.4	0.046 U	210 E	2.8	10	1.6	5.3	1.9	0.64 U
	12/21/11	ORIG	1.3	0.19 U	0.19 U	0.19 U	0.15	0.23	0.92	0.16 U	0.36	1.2 U	0.21 U	1.4	0.74	2.8	0.045 U	24	3	8.7	1.4	4.6	1.6	0.63 U
	01/31/12	ORIG	1.4	0.18 U	0.19 U	0.19 U	0.19	0.14 U	0.57	0.16 U	0.34	1.2 U	0.21 U	1.3	0.79	2.7	0.044 U	13	1.1	3.7	0.56	2	0.68	0.62 U
	02/29/12	ORIG	1.5	0.21	0.19 U	0.19 U	0.18	0.14 U	0.49	0.16 U	0.29	1.4	0.2 U	1.2	0.64	2.4	0.044 U	260 E	1.4	4.1	0.66 J	2.2 J	0.76 J	0.62 U
	03/29/12	ORIG	0.32	0.17 U	0.17 U	0.17 U	0.074	0.12 U	0.7	0.14 U	2.4	1.7 J	0.19 U	1.3	0.55	2.4	0.04 U	25	0.68	2.4	0.62	2.1 J	0.79 J	0.56 U
	04/30/12	ORIG	0.28	0.17 U	0.17 U	0.17 U	0.56	0.13 U	0.42	0.14 U	0.26	1.1 U	0.19 U	1.4	0.6	0.16 U	0.04 U	240 E	0.5	1.3	0.22	0.57	0.2	0.57 U
	05/30/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.19	1.2 U	0.21 U	1.1	0.5	2.2	0.045 U	9.8	0.41	1.3	0.22	0.65	0.24	0.63 U
	06/27/12	ORIG	0.31	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.4 J	0.16 U	0.32	1.2 U	0.2 U	1.1	0.51	2	0.043 U	16	0.88	3.2	0.56	1.8	0.61	0.61 U
	07/31/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.49	2.3	0.045 U	13	0.51	1.5	0.25	0.76	0.29	0.63 U
	08/30/12	ORIG	0.99	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.51	0.16 U	0.24	1.2 U	0.43	1.2	0.54	2.3	0.046 U	49	0.74	2.9	0.46	1.5	0.58	0.64 U
	09/26/12	ORIG	0.71	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.55	0.16 U	0.18	1.2 U	0.22 U	1.3	0.54	2.7	0.046 UJ	30	0.73	2.3	0.34	1.1	0.42	0.64 U
	10/31/12	ORIG	0.66	0.19 U	0.2 U	0.2 U	0.079	0.14 U	0.5	0.16 U	0.32	1.2 U	0.22 U	1.4	0.54	2.5	0.046 U	29	1.5 J	4.2 J	0.65	2	0.71	0.64 U
Dental Annex (Lobby/Computer Area)																								
	05/27/10	ORIG	20	1.9	0.19 U	0.19 U	13	0.14 U	0.54	0.16 U	0.82	1.2 U	0.21 U	3.3	6.4	2.8	0.045 U	42	0.54	2	0.52	1.3	0.44	0.63 U
	07/01/10	ORIG	0.34	0.28	0.17 U	0.17 U	0.063 U	0.13 U	0.39	0.14 U	0.23	1.1 J	0.19 U	1.7	0.56	2.6	0.04 U	41	0.91	2.6	0.26	0.6	0.19	0.57 U
	07/28/10	ORIG	0.34	0.31	0.18 U	0.18 U	0.067 U	0.14 U	0.49	0.15 U	0.16 U	1.2 U	0.2 U	1.3	0.52	2.1	0.043 U	17	0.61	1.8	0.5	1.2	0.36	0.6 U
	08/27/10	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.13	0.14 U	0.39	0.15 U	0.23	1.2 U	0.2 U	1.1 J	0.58	2.1	0.043 U	18	0.91	2.7	0.35	0.83	0.31	0.6 U
	10/07/10	ORIG	0.89	0.18 U	0.18 U	0.18 U	0.28	0.14 U	0.44	0.15 U	0.2	1.2 U	0.2 U	1.8	0.72	2.7	0.043 U	200 E	0.8	2.4	0.29	0.75	0.25	0.6 U
	10/27/10	ORIG	0.99	0.17 U	0.18 U	0.18 U	0.24	0.13 U	0.44	0.15 U	0.21	1.1 U	0.19 U	1.8	1	2.6	0.041 U	32	0.88	2.2	0.32	0.91	0.29	0.58 U
	11/30/10	ORIG	1.1	0.17 U	0.17 U	0.17 U	0.17	0.21	0.42 J	0.14 U	0.41	1.7	0.19 U	1.5	0.65	2.7	0.04 U	150 E	1.9	7.9	1.2	3.4	1.2	0.56 U
	12/28/10	ORIG	2.6	0.2	0.15 U	0.15 U	0.47	0.17	0.5 J	0.12 U	0.39	0.93 U	0.16 U	1.6	0.9	2.6	0.034 U	17	3.2	8	1	3.1	0.99	0.48 U
	01/26/11	ORIG	2	0.18 U	0.18 U	0.18 U	0.27	0.2	0.47 J	0.15 U	0.23	1.7	0.2 U	1.3	0.93	2.6	0.043 U	25	2.8	8.6	1.1	3.6	1	0.6 U
	02/28/11	ORIG	0.66	0.19 U	0.2 U	0.2 U	0.12 J	0.15	0.36	0.16 U	0.18	2.4	0.22 U	1.6	0.6	2.4	0.046 U	42	1.3	5.8	1.2	4	1.2	0.64 U
	03/30/11	ORIG	0.97	0.18 U	0.19 U	0.19 U	0.23 J	0.14 U	0.45	0.16 U	0.31	1.5	0.23	1.6	0.61	2.4	0.044 U	29	1.9	5.3	0.68	1.8	0.62 J	0.62 U
	04/29/11	ORIG	1.5	0.18 U	0.19 U	0.19 U	0.17	0.15	0.47 J	0.16 U	0.43	1.2 U	0.2 J	2.2 J	0.83	3	0.044 U	200 E	0.54	1.4	0.32	0.83	0.25	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	05/31/11	ORIG	1.1	0.19 U	0.2 U	0.2 U	0.14	0.14 UJ	0.56 J	0.16 U	0.32	1.2 U	0.22 U	1.3	0.7	2.7	0.046 U	17	1.2	4.2	1	3.1	0.96 J	0.64 U
	06/29/11	ORIG	0.89	0.17 U	0.17 U	0.17 U	0.1	0.13 U	0.57	0.15 U	0.2	1.1 U	0.19 UJ	1.2	0.57	2.4	0.041 U	53	0.62	1.9	0.37	1.2	0.54	0.58 U
	07/27/11	ORIG	0.83	0.18 U	0.18 U	0.18 U	0.098	0.13 U	0.5 J	0.15 U	0.18	1.1 U	0.2 UJ	1.2	0.54	2.4	0.042 U	11	0.35	1.1	0.2	0.63	0.23	0.59 U
	08/31/11	ORIG	0.98	0.19 U	0.19 U	0.19 U	0.12	0.14 U	0.53	0.16 U	0.23	1.2 U	0.21 UJ	2.2	0.61	2.9	0.045 U	17	0.5	1.5	0.21	0.56	0.2	0.63 U
	09/27/11	ORIG	1.5	0.19 U	0.19 U	0.19 U	0.22	0.16	0.47	0.16 U	0.41	2.8	0.21 U	1.5	0.64	2.6	0.045 U	83	1.9	6.1	1.1	3.9	1.8	0.63 U
	10/28/11	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.18	0.15 J	0.35	0.15 U	0.32	1.4	0.2 UJ	1.4	0.66	2.5	0.043 U	25	2.4	4.9	0.39	0.86	0.29	0.6 U
	11/30/11	ORIG	1.2	0.26	0.19 U	0.19 U	0.1	0.21	0.46	0.16 U	0.4	1.8	0.21 UJ	1.4	0.59	2.4	0.045 U	120 E	2.3	8	1.2	4	1.5	0.63 U
	12/21/11	ORIG	1	0.19 U	0.19 U	0.19 U	0.1	0.19	0.69	0.16 U	0.22	1.2 U	0.21 U	1.3	0.62	2.6	0.045 U	18	2.6	7.7	1.2	4	1.4	0.63 U
	01/31/12	ORIG	1.1	0.19 U	0.19 U	0.19 U	0.17	0.14 U	0.54	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.73	2.6	0.045 U	13	1.1	2.9	0.44	1.5	0.58	0.63 U
	02/29/12	ORIG	1.1	0.18	0.18 U	0.18 U	0.14	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.69	2.5	0.043 U	96 E	1.2	3	0.52 J	1.7 J	0.69 J	0.61 U
	03/29/12	ORIG	0.26	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.7	0.15 U	0.52	1.8 J	0.2 U	1.2	0.5	2.2	0.043 U	24	0.65	1.7	0.26	0.8 J	0.28 J	0.6 U
	04/30/12	ORIG	0.22 U	0.17 U	0.18 U	0.18 U	0.44	0.13 U	0.45	0.15 U	0.16 U	1.1 U	0.19 U	1.3	0.61	0.16 U	0.041 U	71	0.5	1.6	0.22	0.52	0.28	0.58 U
	05/30/12	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.072 U	0.15 U	0.38	0.17 U	0.18 U	1.3 U	0.22 U	1.2	0.52	2.5	0.047 U	9.8	0.42	1.3	0.24	0.73	0.28	0.66 U
	06/27/12	ORIG	0.27	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.4 J	0.16 U	0.2	1.2 U	0.2 U	1.1	0.5	2	0.043 U	16	0.81	2.8	0.46	1.4	0.52	0.61 U
	07/31/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.53	2.3	0.045 U	15	0.44	1.5	0.25	0.74	0.29	0.63 U
	08/30/12	ORIG	0.95	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.45	0.16 U	0.24	1.2 U	0.42	1.2	0.55	2.4	0.044 U	50	0.73	3.1	0.48	1.5	0.6	0.62 U
	09/26/12	ORIG	0.69	0.19 U	0.19 U	0.19 U	0.073	0.14 U	0.51	0.16 U	0.19	1.2 U	0.24	1.3	0.55	2.7	0.045 UJ	36	0.85	3	0.45	1.5	0.59	0.63 U
	10/31/12	ORIG	0.67	0.18 U	0.19 U	0.19 U	0.1	0.14 U	0.52	0.16 U	0.33	1.2 U	0.25	1.4	0.56	2.6	0.044 U	31	1.6 J	4.5 J	0.78	2.6	0.98	0.62 U
Office (Room 108)																								
	05/27/10	ORIG	5.8	0.72	0.19 U	0.19 U	2.7	0.14 U	0.57	0.16 U	0.17 U	2.5	0.21 U	2	1.4	2.8	0.045 U	200 E	0.58	2.3	0.32	0.68	0.24	0.63 U
	07/01/10	ORIG	0.64	0.18	0.18 U	0.18 U	0.27	0.14 U	0.39	0.15 U	0.19	2.1	0.21	1.7	0.62	2.7	0.043 U	56	0.86	3	0.26	0.55	0.26	0.6 U
	07/28/10	ORIG	0.53	0.27	0.19 U	0.19 U	0.069 U	0.15	0.4	0.16 U	0.17 U	2.4	0.21 U	1.2	0.56	2.2	0.045 U	23	0.64	13	0.79	1.8	0.54	0.63 U
	08/27/10	ORIG	1	0.14 U	0.15 U	0.15 U	0.29	0.11 U	0.41	0.12 U	0.19	1.8	0.16 U	1.5	0.62	2.2	0.034 U	17	1.1	3.4	0.41	1	0.44	0.48 U
	10/07/10	ORIG	1.1	0.18 U	0.19 U	0.19 U	0.74	0.14 U	0.44	0.16 U	0.17 U	1.4	0.2 U	1.8	1.1	2.6	0.044 U	71	0.94	3.2	0.4	1	0.46	0.62 U
	10/27/10	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.35	0.13 U	0.41	0.15 U	0.21	2.9	0.2 U	1.9	1.5	2.6	0.042 U	33	1.6	5	0.65	1.9	0.63	0.59 U
	11/30/10	ORIG	1.6	0.17 U	0.18 U	0.18 U	0.32	0.18	0.46 J	0.15 U	0.16 U	2.8	0.19 U	1.4	0.66	2.5	0.041 U	28	1.9	5.8	0.77	2.4	0.78	0.58 U
	12/28/10	ORIG	3.7	0.24	0.16 U	0.16 U	0.72	0.21	0.56 J	0.14 U	0.58	4	0.33	1.7	1	2.7	0.039 U	21	2.7	8.3	0.96	2.9	1	0.55 U
	01/26/11	ORIG	3.3	0.24	0.2 U	0.2 U	0.61	0.19	0.49 J	0.16 U	0.22	5.6	0.22 U	1.5	1.3	2.7	0.046 U	120 E	2.9	8.9	1.2	3.5	1	0.64 U
	02/28/11	ORIG	2	0.19	0.18 U	0.18 U	0.5 J	0.13 U	0.4	0.15 U	0.18	8.1	0.32	1.5	0.85	2.3	0.041 U	24	1.8	5.1	0.75	2.4	0.82	0.58 U
	03/30/11	ORIG	1.7	0.42 U	0.42 U	0.42 U	0.49 J	0.31 U	0.5	0.36 U	0.38 U	4.6	0.47 U	1.6	1.3	2.5	0.099 U	73	1.2	4.8	0.97	2.6	0.68	1.4 U
	04/29/11	ORIG	1.1	0.17 U	0.17 U	0.17 U	0.21	0.12 U	0.46 J	0.14 U	0.15 U	1.1 U	0.19 J	2 J	0.83	2.9	0.04 U	16	0.51	1.1	0.15	0.37	0.13 U	0.56 U
	05/31/11	ORIG	2.2	0.19 U	0.2 U	0.2 U	0.49	0.14 UJ	0.49 J	0.16 U	0.24	7.3	0.3	1.3	1	2.6	0.046 U	28	1.2	4.6	0.8	2.4	0.73 J	0.64 U
	06/29/11	ORIG	1	0.18 U	0.18 U	0.18 U	0.16	0.13 U	0.53	0.15 U	0.16 U	3.4	0.2 UJ	1.2	0.64	2.4	0.042 U	28	0.58	2.2	0.49	1.4	0.52	0.6 U
	07/27/11	ORIG	0.46	0.17 U	0.17 U	0.17 U	0.074	0.13 U	0.51 J	0.14 U	0.15 U	2.2	0.19 UJ	1.3	0.6	2.5	0.04 U	18	0.34	2.3	0.35	0.86	0.3	0.57 U
	08/31/11	ORIG	0.66	0.19 U	0.19 U	0.19 U	0.08	0.14 U	0.58	0.16 U	0.17 U	2.1	0.21 UJ	1.9	0.62	2.8	0.045 U	42	0.46	1.8	0.32	0.83	0.27	0.63 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/27/11	ORIG	1.7	0.19 U	0.19 U	0.19 U	0.29	0.16	0.52	0.16 U	0.32	2.5	0.21 U	1.4	0.65	2.4	0.045 U	37	1.8	6.2	1	3.8	1.6	0.63 U
	10/28/11	ORIG	2.1	0.22	0.17 U	0.17 U	0.32	0.16 J	0.44	0.14 U	0.29	2	0.19 UJ	1.4	0.81	2.4	0.04 U	37	2.8	9.3	1.5	5.5	1.9	0.57 U
	11/30/11	ORIG	1.8	0.3	0.19 U	0.19 U	0.12	0.2	0.46	0.16 U	0.36	3.2	0.2 UJ	1.4	0.68	2.4	0.044 U	58	2.7	10	1.7	5.2	1.9	0.62 U
	12/21/11	ORIG	1.3	0.18 U	0.19 U	0.19 U	0.16	0.24	0.76	0.16 U	0.21	2.6	0.21 U	1.4	0.76	2.9	0.044 U	77	2.7	8.7	1.3	4.4	1.5	0.62 U
	01/31/12	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.21	0.14 U	0.52	0.16 U	0.17 U	1.7	0.2 J	1.3	0.78	2.5	0.043 U	22	1.1	4.2	0.66	2.2	0.71	0.61 U
	02/29/12	ORIG	1.2	0.18 J	0.18 U	0.18 U	0.16	0.14 U	0.56	0.15 U	0.16 U	2.6	0.2 U	1.3	0.72	2.5	0.043 U	24	1.3	4.5	0.77 J	2.4 J	0.88 J	0.6 U
	03/29/12	ORIG	0.28	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.86	0.16 U	0.17 U	1.8 J	0.2 U	1.3	0.59	2.4	0.044 U	130 E	0.72	3.6	0.28	0.86 J	0.22 J	0.62 U
	04/30/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.25	0.14 U	0.46	0.16 U	0.17 U	1.2	0.2 U	1.2	0.64	0.17 U	0.044 U	24	0.52	1.9	0.28	0.63	0.32	0.62 U
	05/30/12	ORIG	0.22 U	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.4	0.15 U	0.16 U	1.1 U	0.2 U	1.1	0.5	2.2	0.042 U	17	0.41	1.6	0.3	0.8	0.32	0.59 U
	06/27/12	ORIG	0.26	0.18 U	0.18 U	0.18 U	0.066 U	0.13 U	0.4 J	0.15 U	0.18	1.2 U	0.2 U	1	0.49	2	0.042 U	27	0.84	3.2	0.55	1.6	0.61	0.6 U
	07/31/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.49	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.52	2.2	0.045 U	14	0.48	1.6	0.29	0.87	0.33	0.63 U
	09/26/12	ORIG	0.3	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.46	0.15 U	0.16 U	1.2 U	0.2 U	1.2	0.55	2.6	0.043 UJ	27	0.67	2.5	0.44	1.4	0.59	0.6 U
	10/31/12	ORIG	0.41	0.18 U	0.19 U	0.19 U	0.069	0.14 U	0.63	0.16 U	0.34	1.4	0.22	1.4	0.54	2.5	0.044 U	33	1.6 J	5.2 J	0.9	3.1	1.1	0.62 U
Office (Room 207)																								
	03/31/10	ORIG	58	3.5	0.16 U	0.16 U	29	0.2	0.43	0.13 U	0.27	47	0.17 U	6	11	2.3	0.037 U	78 E	0.72	6.7	0.99	2.7	0.84	0.52 U
	05/27/10	ORIG	25 J	1.3	0.15 U	0.15 U	13 J	0.12	0.52	0.12 U	0.13 U	4.1 J	0.16 U	2.7	3.6 J	2.7	0.034 U	36 J	0.49	2	0.34	0.78	0.27	0.48 U
	05/27/10	DUP	20 J	1.4	0.19 U	0.19 U	9.5 J	0.14 U	0.51	0.16 U	0.17	5.8 J	0.2 U	2.5	2.9 J	2.7	0.044 U	180 E	0.55	2.4	0.39	0.87	0.28	0.62 U
	07/01/10	ORIG	2	0.26	0.19 U	0.19 U	0.57	0.14 U	0.4	0.16 U	0.22	8.6	0.21 J	1.9	0.75	2.8	0.045 U	41	0.95	3.7	0.36	0.85	0.27	0.63 U
	07/28/10	SPLIT	1.4	0.3	0.11 U	0.11 U	0.18	0.081 U	0.65	0.092 U	0.23	7.5	0.2	1.6	0.68	2.8	0.026 U	9.7	0.95	15	2.3	6.1	2.2	0.36 U
	07/28/10	ORIG	1.2	0.18	0.18 U	0.18 U	0.13	0.13	0.47	0.15 U	0.16 U	5.4	0.19 U	1.2	0.5	2.1	0.041 U	29	0.62	2.6	0.96	2.2	0.58	0.58 U
	08/27/10	SPLIT	1.5 J	0.13	0.1 J	0.05 U	0.19 J	0.13	0.45	0.14	0.22	29 J	0.49	0.06 U	0.08 U	0.05 U	0.01 U	1.2 UJ	1.4 J	14 J	0.04 U	4.3 J	1.4 J	0.07 U
	08/27/10	ORIG	0.94 J	0.18 U	0.18 U	0.18 U	0.24 J	0.14 U	0.4	0.15 U	0.18	2.9 J	0.2 U	1.7	0.66	2.3	0.043 U	21 J	0.93 J	3.4 J	0.4	0.97 J	0.3 J	0.6 U
	10/07/10	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.38	0.13	0.44	0.15 U	0.2	3.6	0.2 U	1.9	0.77	2.6	0.042 U	49	1	3.7	0.47	1.2	0.42	0.59 U
	10/27/10	SPLIT	1.7	0.11	0.11 U	0.11 U	0.3 J	0.11	0.44	0.092 U	0.17	5.4 J	0.16	1.4 J	1.2 J	2.5	0.026 U	19 J	1.2 J	14 J	1.2 J	3.8 J	1.4 J	0.36 U
	10/27/10	ORIG	1.4	0.17 U	0.18 U	0.18 U	0.41 J	0.13 U	0.45	0.15 U	0.18	7.2 J	0.19 U	2 J	1.6 J	2.7	0.041 U	34 J	1.6 J	6.2 J	0.67 J	1.9 J	0.62 J	0.58 U
	11/30/10	SPLIT	1.8 J	0.2	0.11 U	0.11 U	0.33 J	0.12	0.51 J	0.092 U	0.18	7.4 J	0.17	1.5 J	0.75 J	2.8 J	0.026 U	20 J	1.9 J	9.7 J	0.94 J	3.4 J	1.1 J	0.36 U
	11/30/10	ORIG	0.91 J	0.16 U	0.16 U	0.16 U	0.17 J	0.12	0.25 J	0.14 U	0.14 U	3.5 J	0.18 U	0.75 J	0.38 J	1.3 J	0.038 U	13 J	1 J	4.1 J	0.44 J	1.4 J	0.44 J	0.54 U
	12/28/10	SPLIT	8.2 J	0.41 J	0.11 U	0.11 U	1.5 J	0.1 J	0.57	0.092 U	0.28	5.8 J	0.6 J	1.7	1.5 J	2.7	0.026 U	24	3.3	13 J	2.3 J	8.2 J	3 J	0.36 U
	12/28/10	ORIG	4.2 J	0.25 J	0.15 U	0.15 U	0.82 J	0.19 J	0.5 J	0.13 U	0.2	7.5 J	0.28 J	1.7	1.1 J	2.7	0.036 U	27	3.1	10 J	1.1 J	3.4 J	1 J	0.5 U
	01/26/11	SPLIT	4.3	0.3	0.11 U	0.11 U	0.69	0.11	0.58 J	0.092 U	0.26 J	8.2	0.35 J	1.6	1.4	2.5	0.026 U	99	2.7 J	10 J	2.1 J	7 J	2.5 J	0.36 U
	01/26/11	ORIG	4.6	0.27	0.15 U	0.15 U	0.75	0.16	0.43 J	0.12 U	0.39 J	8.3	0.17 J	1.9	1.5	2.9	0.035 U	92 E	3.4 J	19 J	1.5 J	4.7 J	1.3 J	0.49 U
	02/28/11	SPLIT	2.3	0.24 J	0.33 U	0.33 U	0.38 J	0.24 U	0.42	0.28 U	0.29 U	12	0.44	0.9 J	0.84	2 J	0.077 U	40 J	1.7	6	0.83	2.6	0.99 J	1.1 U
	02/28/11	ORIG	2	0.18 J	0.18 U	0.18 U	0.54 J	0.15	0.4	0.15 U	0.18	13	0.26	1.6 J	0.88	2.5 J	0.043 U	26 J	1.7	5.6	0.78	2.4	0.8 J	0.6 U
	03/30/11	SPLIT	3.1 J	0.23	0.11 U	0.11 U	0.5 J	0.13	0.57	0.092 U	0.3 J	8	0.34	1.6	1	2.8	0.026 U	53	1.6 J	6.5	1.9 J	5.4 J	1.6 J	0.36 U
	03/30/11	ORIG	2.3 J	0.18	0.18 U	0.18 U	0.45 J	0.14 U	0.48	0.15 U	0.21 J	7.1	0.2 U	1.5	0.87	2.5	0.043 U	46	1.2 J	5.4	1 J	3 J	0.76 J	0.6 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	04/29/11	SPLIT	1 J	0.084	0.11 U	0.11 U	0.17	0.11	0.55	0.092 U	0.14	8.2	0.17 J	1 J	0.87	2.6	0.026 U	37 J	0.66 J	9.3 J	0.91 J	2.7 J	0.82 J	0.36 U
	04/29/11	ORIG	0.76 J	0.18 U	0.18 U	0.18 U	0.18	0.16	0.46 J	0.15 U	0.16 U	9.2	0.2 J	2 J	0.81	2.9	0.042 U	27 J	0.54 J	6.9 J	0.42 J	1 J	0.24 J	0.59 U
	05/31/11	SPLIT	2.9	0.2	0.11 U	0.11 U	0.44 J	0.12	0.6	0.092 U	0.35 J	14	0.52 J	1.2	1.1	2.6	0.026 U	22 J	1.5 J	5.9	1.4 J	4.4 J	1.5 J	0.36 U
	05/31/11	ORIG	2.5	0.18 U	0.19 U	0.19 U	0.59 J	0.14 UJ	0.51 J	0.16 U	0.25 J	12	0.36 J	1.3	1.1	2.5	0.044 U	27 J	1.2 J	5.1	0.84 J	2.6 J	0.78 J	0.62 U
	06/29/11	SPLIT	2.5 J	0.16	0.11 U	0.11 U	0.3	0.12	0.66 J	0.092 U	0.14 J	8.1	0.22	1.4	0.85	0.099 U	0.026 U	37 J	0.64	5.8 J	2.2 J	5.4 J	2.5 J	0.36 U
	06/29/11	ORIG	1.9 J	0.17 U	0.18 U	0.18 U	0.3	0.13 U	0.52 J	0.15 U	0.32 J	7.9	0.19 UJ	1.3	0.78	2.4	0.041 U	29 J	0.6	2.7 J	0.56 J	1.6 J	0.52 J	0.58 U
	07/27/11	SPLIT	0.64	0.071	0.11 U	0.11 U	0.11	0.41	0.58	0.092 U	0.13	4	0.25	1.3	0.78	2.8	0.026 U	20	0.43	9 J	1.3 J	3 J	1.3 J	0.36 U
	07/27/11	ORIG	0.56	0.16 U	0.16 U	0.16 U	0.1	0.12 U	0.58 J	0.14 U	0.15 U	3.9	0.18 UJ	1.4	0.67	2.6	0.039 U	22	0.32	1.8 J	0.39 J	1 J	0.39 J	0.55 U
	08/31/11	SPLIT	0.88	0.084	0.27 U	0.27 U	0.11	0.2 U	0.52	0.23 U	0.24 U	4.6	0.3 U	1.4 J	0.74	2.7	0.064 U	36 J	0.65	11 J	0.97 J	2.2 J	1.1 J	0.9 U
	08/31/11	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.11	0.15	0.55	0.16 U	0.17 U	5.5	0.2 UJ	1.9 J	0.64	2.8	0.043 U	51 J	0.48	3.4 J	0.46 J	1.3 J	0.48 J	0.61 U
	09/27/11	SPLIT	1.9	0.22	0.11 U	0.11 U	0.39	0.1	0.56	0.22	0.5 J	4.9 J	0.33	1.3 J	0.89	3.2 J	0.026 U	42	2.2	12 J	2 J	10 J	5.2 J	0.36 U
	09/27/11	ORIG	1.8	0.18	0.18 U	0.18 U	0.37	0.15	0.47	0.15 U	0.34 J	3.8 J	0.2 U	1.6 J	0.74	2.4 J	0.043 U	41	1.9	8 J	1.4 J	5.9 J	2.8 J	0.6 U
	10/28/11	SPLIT	2.5 J	0.27	0.11 U	0.11 U	0.35	0.14	0.71	0.092 U	0.4 J	3.9	0.31	1.6 J	1.1 J	2.6	0.026 U	36	2.3 J	11 J	2 J	6.8 J	2.5 J	0.36 U
	10/28/11	ORIG	0.23 UJ	0.18 U	0.18 U	0.18 U	0.32	0.14 UJ	0.21 U	0.15 U	0.23 J	3.3	0.2 UJ	1.3 J	0.78 J	2.4	0.043 U	36	0.59 J	0.53 UJ	0.14 UJ	0.29 UJ	0.14 UJ	0.6 U
	11/30/11	SPLIT	2.1	0.32	0.11 U	0.11 U	0.16	0.23	0.65 J	0.092 U	0.35	11	0.32	1.8	0.97 J	2.8	0.026 U	43 J	2.9	15 J	2.2 J	6.8 J	2.5 J	0.36 U
	11/30/11	ORIG	1.8	0.27	0.19 U	0.19 U	0.16	0.2	0.47 J	0.16 U	0.38	10	0.2 UJ	1.5	0.78 J	2.5	0.044 U	64 J	2.8	11 J	1.7 J	5.5 J	2 J	0.62 U
	12/21/11	SPLIT	1.3	0.15	0.11 U	0.11 U	0.16	0.094 J	0.62 J	0.092 U	0.28	8.5	0.12 U	1.6	0.89	2.9	0.026 U	90	2.7	10	1.8 J	5.9	2.3 J	0.36 U
	12/21/11	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.16	0.23 J	0.88 J	0.16 U	0.21	7.7	0.2 U	1.4	0.78	2.8	0.043 U	99 E	2.9	9.9	1.4 J	4.9	1.7 J	0.61 U
	01/31/12	ORIG	1.3 J	0.18 U	0.18 U	0.18 U	0.22	0.14 U	0.51	0.16 U	0.17 U	6.3	0.2 U	1.3	0.83	2.6	0.043 U	22	1.2 J	4.8 J	0.77 J	2.6 J	0.86 J	0.61 U
	01/31/12	SPLIT	1.7 J	0.14	0.11 U	0.11 U	0.24	0.081 U	0.58	0.092 U	0.23	7.3	0.4	1.5	0.94	0.099 U	0.026 U	21	1.8 J	7.4 J	1.6 J	5.3 J	2 J	0.36 U
	02/29/12	SPLIT	1.3	0.16	0.11 U	0.11 U	0.17 J	0.092	0.51	0.092 U	0.15	14	0.15	1.8 J	0.8	3.4 J	0.026 U	19 J	1.6	5	1 J	3.2 J	1.1 J	0.36 U
	02/29/12	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.18	0.14 U	0.54	0.15 U	0.17	12	0.23	1.3 J	0.83	2.6 J	0.043 U	30 J	1.5	4.9	0.86 J	2.8 J	1 J	0.6 U
	03/29/12	SPLIT	0.45	0.097	0.11 U	0.11 U	0.066	0.11	0.53 J	0.092 U	0.14	5.8	0.12 U	1.4	0.62	2.4	0.026 U	44 J	0.82	3.9	0.5 J	1.9 J	0.61 J	0.36 U
	03/29/12	ORIG	0.35	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.8 J	0.15 U	0.16 U	5.3 J	0.2 U	1.3	0.56	2.4	0.043 U	75 J	0.69	3.5	0.4 J	1.5 J	0.48 J	0.6 U
	04/30/12	SPLIT	0.32	0.054 U	0.11 U	0.11 U	0.2	0.091	0.59	0.092 U	0.14	4.2	0.12 U	1.5	0.62	2.5 J	0.026 U	20	0.78	3.7	0.5	1.2 J	0.48 J	0.36 U
	04/30/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.23	0.14 U	0.44	0.15 U	0.16 U	3.1	0.2 U	1.3	0.47	0.17 UJ	0.043 U	25	0.56	2.9	0.27	0.61 J	0.19 J	0.6 U
	05/30/12	SPLIT	0.21	0.054 U	0.11 U	0.11 U	0.04 U	0.077	0.51	0.092 U	0.12	2.5	0.12 U	1.2	0.59	2.3	0.026 U	15 J	0.56	2.4 J	0.36	0.92	0.37	0.36 U
	05/30/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.44	0.15 U	0.16 U	2.2	0.2 U	1.1	0.51	2.4	0.043 U	19 J	0.45	8.7 J	0.54	0.84	0.31	0.6 U
	06/27/12	SPLIT	0.42	0.068	0.11 U	0.11 U	0.04 U	0.096	0.54	0.092 U	0.22	3.3	0.13	1.4 J	0.63	2.6 J	0.026 U	21	1.3	4.1 J	0.66	2 J	0.8 J	0.36 U
	06/27/12	ORIG	0.26	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.34 J	0.15 U	0.18	2.2	0.2 U	1 J	0.47	1.9 J	0.042 U	20	0.81	3.1 J	0.48	1.3 J	0.44 J	0.59 U
	07/31/12	SPLIT	0.22	0.054 U	0.11 U	0.11 U	0.04 U	0.043	0.45	0.092 U	0.18	1.1	0.12 U	1.2	0.47	2.1	0.026 U	9.5 J	0.58	2.1 J	0.32	1	0.41	0.36 U
	07/31/12	ORIG	0.25 U	0.2 U	0.2 U	0.2 U	0.072 U	0.15 U	0.38	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.55	2.4	0.047 U	19 J	0.55 J	1.7 J	0.3	0.94	0.36	0.66 U
	08/30/12	SPLIT	0.33	0.13	0.11 U	0.11 U	0.048	0.12	0.59	0.092 U	0.21	4 J	0.69 J	1.3	0.61	2.4	0.026 U	27	0.92	3.1	0.53	1.9	0.73	0.36 U
	08/30/12	ORIG	0.28	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.46	0.16 U	0.22	1.2 UJ	0.21 UJ	1.2	0.53	2.3	0.045 U	31	0.74	2.8	0.55	1.8	0.65	0.63 U
	09/26/12	SPLIT	0.56	0.077	0.11 U	0.11 U	0.059	0.057	0.53	0.092 U	0.12	0.69 U	0.13	1.1	0.53	2 J	0.026 U	17 J	0.63	2	0.35	1.3	0.52	0.36 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE	
	09/26/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.54	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.51	2.6 J	0.045 UJ	24 J	0.72	2	0.33	1	0.39	0.63 U	
	10/31/12	SPLIT	0.46	0.43	0.11 U	0.11 U	0.065	0.1	0.52	0.092 U	0.26	1.3	0.17	1.3	0.58	2.1	0.026 U	23 J	1.7	4.9	1 J	3.1	1.3 J	0.36 U	
	10/31/12	ORIG	0.38	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.53	0.16 U	0.31	1.3	0.2 U	1.4	0.54	2.5	0.043 U	30 J	1.5 J	4.5 J	0.81 J	2.7	1 J	0.61 U	
Same Day Surgery Center			Same Day Surgery Center Business Office																						
	05/30/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.39	0.16 U	0.17 U	1.2 U	0.2 U	1.1	0.56	2.1	0.044 U	15	0.55	1.8	0.33	0.96	0.36	0.62 U	
Supervisors Office			Supervisors Office																						
	05/30/12	ORIG	0.22 U	0.17 U	0.18 U	0.18 U	0.064 U	0.46	0.41	0.15 U	0.16 U	1.1	0.19 U	1.1	0.49	2.1	0.041 U	16	0.57	48	4.6	3.7	1.6	0.58 U	
Star City Auto Body			Main work area																						
	05/11/04	ORIG	16	3.5	0.74 U	0.74 U		17	0.55 U	0.86 U	0.63 U	0.67 U	4.7 U	0.82 U	13	30	2.3	0.17 U	1100 E	2.6	420	8.6	46	13	2.5 U
	05/11/04	DUP	17	3.6	0.74 U	0.74 U		18	0.55 U	0.86 U	0.63 U	0.67 U	4.8	0.82 U	14	31	2.7	0.17 U	1200 E	3.2	440	9.2	49	14	2.5 U
	09/14/05	ORIG	34	6.5	0.33	0.2 U		16	0.15 U	0.67	0.17 U	0.19	1.5	0.22 U	11	18	1.9	0.047 U	350 E	5.3	38	4.6	21	5.1	0.66 U
	09/14/05	DUP	33	5.5	0.32	0.19 U		16	0.14 U	0.66	0.16 U	0.19	1.5	0.21 U	11	17	2.1	0.045 U	330 E	5	36	4.8	22	5.4	0.63 U
	03/03/09	ORIG	4.2	0.89	0.18 U	0.18 U	0.45	0.13 U	0.49	0.15 U	0.16	1.2	0.19 U	1.8	0.86	2.5	0.041 U	980 E	4.2	25	5.4	19	5.4	0.58 U	
	03/31/10	ORIG	12	1.2	0.33	0.18 U	0.87	0.16	0.41	0.15 U	0.22	1.1 U	0.19 U	1.1	1.2	2	0.041 U	290 E	1.5	9.5	1.3	5.2	1.3	0.58 U	
	10/07/10	ORIG	0.67	0.35 U	0.53	0.36 U	0.49	0.26 U	0.62	0.3 U	0.32 U	2.3 U	0.39 U	1.9	1.4	2.4	0.084 U	900 E	1.7	18	1.6	5.1	1.7	1.2 U	
	03/30/11	ORIG	1.2 U	0.98 U	1 U	1 U	0.36 U	0.74 U	1.2 U	0.84 U	0.89 U	6.4 U	1.1 U	1.7	1.4 U	2.8	0.23 U	1000 E	3.4	33	2.1	6.8	2.3 J	3.3 U	
	09/27/11	ORIG	0.56	0.2 U	0.42	0.21 U	0.076 U	0.18	0.46	0.31	0.29	6.2	0.23 U	1.4	0.51	2.5	0.049 U	1200 E	3.9	84	18	68	20	0.69 U	
	03/28/12	ORIG	0.23 U	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.68	0.15 U	0.16 U	3.4 J	0.2 U	1.2	0.57	2.4	0.043 U	980 E	2	17	6.9	34	11 J	0.6 U	
	09/26/12	ORIG	0.29	0.18 U	0.18 U	1.4	0.067 U	0.14 U	0.63	0.15 U	0.2	1.5	0.2 U	1.3	0.58	3.3	0.043 U	5100 E	3.4	130	27	100	34	0.6 U	
Rear area of shop			Rear area of shop																						
	05/11/04	ORIG	6	3.9 U	4 U	4 U	1.6	2.9 U	4.6 U	3.4 U	3.6 U	25 U	4.4 U	4.1 U	5.6 J	3.6 U	0.93 U	5400 E	5.8 U	2400	48	270	78	13 U	
	09/14/05	ORIG	23 U	18 U	18 U	18 U	6.7 U	14 U	21 U	15 U	16 U	120 U	20 U	19 U	26 U	17 U	4.3 U	6000	27 U	74	14 U	29 U	14 U	60 U	
	03/03/09	ORIG	2.9	0.36 U	0.37 U	0.37 U	0.22	0.27 U	0.51	0.59	0.33 U	2.9	0.4 U	1.7	1.1	2.4	0.086 U	5700 E	2.9	120	17	59	14	1.2	
	03/31/10	ORIG	14	0.69	0.88	0.47 U	0.83	0.35 U	0.54 U	0.39 U	0.42 U	3 U	0.51 U	1.3	2.2	2	0.11 U	1100 E	1	140	7.8	35	9.1	1.5 U	
	10/07/10	ORIG	0.81	0.18 U	0.29	0.18 U	0.45	0.13 U	0.43	0.15 U	0.18	1.1 J	0.2 U	1.8	1.2	2.4	0.042 U	2400 E	2.4	32	3.1	11	2.7	0.59 U	
	03/30/11	ORIG	1 U	0.83 U	0.84 U	0.84 U	0.31 U	0.63 U	0.98 U	0.71 U	0.76 U	5.4 U	0.93 U	1.7	1.2 U	2.3	0.2 U	1100 E	3.2	39	2.5	8.3	2.8 J	2.8 U	
	09/27/11	ORIG	2.6 U	2 U	2.1 U	2.1 U	0.76 U	1.5 U	2.4 U	1.8 U	1.9 U	25	2.3 U	2.1 U	2.9 U	1.9 U	0.49 U	9300 E	3.3	240	47	230	75	6.9 U	
	03/28/12	ORIG	0.72 U	0.57 U	0.58 U	0.58 U	0.21 U	0.43 U	0.66 J	0.73	0.52 U	5 J	0.64 U	1.2	0.82 U	2.3	0.14 U	4000 E	2.4	46	74	380 J	140 J	1.9 U	
	09/26/12	ORIG	0.72	0.18 U	0.25	0.22	0.068 U	0.14 U	0.49	0.75	0.17 U	1.7	0.2 U	1.3	0.52	5.2	0.044 U	1500 E	4.4	30	17	74	25	0.62 U	
Side Office			Side Office																						
	03/31/10	ORIG	7	0.85	0.35	0.18 U	0.39	0.14 U	0.39	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.96	2.1	0.043 U	270 E	1.4	9.7	0.98	3.4	1	0.6 U	
	10/07/10	ORIG	0.48	0.18 U	0.24	0.19 U	0.27	0.14 U	0.43	0.16 U	0.17	1.2 U	0.2 U	1.9	1.1	2.6	0.044 U	350 E	1	9.9	0.81	2.3	0.77	0.62 U	
	03/30/11	ORIG	0.33	0.19 U	0.19 U	0.19 U	0.069 U	0.16	0.5	0.16 U	0.18	1.5	0.21 U	1.6	0.65	2.5	0.045 U	470 E	2	19	1.1	3.6	1.4 J	0.63 U	

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/27/11	ORIG	0.56	0.2 U	0.2 U	0.2 U	0.074 U	0.18	0.5	0.17 U	0.29	4.5	0.22 U	1.4	0.55	2.5	0.048 U	550 E	2	25	5.7	27	8.7	0.67 U
	03/28/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.62	0.16 U	0.17 U	2.2 J	0.2 U	1.2	0.56	2.4	0.044 U	480 E	1.4	10	4.7	23 J	7.6 J	0.62 U
	09/26/12	ORIG	0.22 U	0.17 U	0.18 U	0.18 U	0.064 U	0.13 U	0.51	0.34	0.16 U	1.1 U	0.19 U	1.3	0.53	2.8	0.041 U	320 E	1.7	11	7.3	31	10	0.58 U
Terra Pave																								
First floor office area																								
	05/11/04	ORIG	110	4.4	0.45	0.2 U	23	0.15 U	0.56	0.17 U	0.24	1.5	0.23	7	26	2.9	0.046 U	41	1.3	10	1.6	5.4	2.1	0.66 U
	09/14/05	ORIG	39	1.6	0.17 U	0.17 U	5.5	0.13 U	0.67	0.14 U	0.21	1.2	0.27	3.4	6.3	2	0.04 U	22	1.1	6.9	0.93	3.5	1	0.57 U
	07/23/08	ORIG	130	5.8	0.19 U	0.19 U	12	0.14 U	0.43	0.16 U	0.4	1.4	0.21 U	3	9	2.3	0.045 U	40	0.84	7.4	0.87	3	1.1	0.63 U
	03/03/09	ORIG	420	18	0.66	0.47 U	56	2.9	0.58	0.39 U	3.3 J	3 U	0.51 U	13	53	2.4	0.11 U	140	1.8	68	1.6	5.3	2.3	1.5 U
	03/03/09	EPA	535.7	19.9	14.2 U	14.2 U	59.4	10.5 U	16.4 U	12 U	12.7 U	9 U	15.6 U	13.5 J	54.4	12.9 U	6.6 U	--	8.3 U	71.6	11.3 U	22.2 U	11.3 U	--
	03/03/09	DUP	420	16	0.46 U	0.46 U	55	0.34 U	0.54	0.39 U	0.73 J	2.9 U	0.5 U	13	50	2.4	0.11 U	140	1.8	68	1.5	5.3	2.2	1.5 U
	07/16/09	SPLIT	52	2.4	0.11 U	0.11 U	4	0.081 U	0.43	0.092 U	0.33	1.3	0.14	1.6	1.6	0.098 U	0.026 U	130	1.7	120	1.1	1.7	1.3	0.35 U
	07/16/09	ORIG	45	2.1	0.4 U	0.4 U	2.4	0.3 U	0.54	0.34 U	0.36 U	2.5 U	0.44 U	1.8	1.5	2.4	0.094 U	230 E	1.6	120	0.69	1.9	0.68	1.3 U
	07/16/09	DUP	47	2.1	0.21 U	0.21 U	2.6	0.15 U	0.57	0.18 U	0.3	1.3	0.23 U	1.7	1.5	2.4	0.049 U	220 E	1.7	110	0.67	1.9	0.72	0.69 U
	08/25/09	ORIG	23	1.2	0.25 U	0.25 U	1 J	0.19 U	0.52	0.21 U	0.4 J	1.6 U	0.28 U	1.6	1.3	2.6	0.059 U	54 J	1.8 J	17	0.73 J	1.9 J	0.62 J	0.83 U
	08/25/09	DUP	20	1.3	0.2 U	0.2 U	1.5 J	0.15 U	0.57	0.84 U	0.32 J	1.6	1.1 U	1.9	1.5	2.6	0.047 U	78 J	2.3 J	18	0.9 J	2.6 J	1 J	0.66 U
	09/30/09	SPLIT	20	0.91	0.065 J	0.098 U	0.79	0.069	0.63	0.046 J	0.21	56 J	0.09 J	1.4	0.92 J	--	0.046	--	1.5	19	7.4	37	15	--
	09/30/09	ORIG	17 J	0.96	0.2 U	0.2 U	0.74	0.15 U	0.61	0.17 U	0.19 J	2.5 J	0.22 U	1.6	1.4 J	2.9	0.047 U	24 J	1.5	17	3.3 J	13 J	4.6 J	0.66 U
	09/30/09	DUP	49 J	1	0.18 U	0.18 U	0.74	0.13 U	0.62	0.15 U	1 J	2.4 J	0.19 U	1.6	1.4 J	2.8	0.041 U	34 J	1.6	18	4.3 J	20 J	6.9 J	0.58 U
	10/29/09	ORIG	130	5.3	0.2 U	0.2 U	7.5 J	0.14 U	0.53	0.16 U	0.33	2.1	0.22 U	2.4	9.4	2.4	0.046 U	93 E	2.2	24	1.1	3.3	1.2	0.64 U
	10/29/09	DUP	160	6.2	0.25 U	0.25 U	8 J	0.18 U	0.57	0.21 U	0.39	2.4	0.27 U	2.6	10	2.5	0.058 U	96	2.7	26	1.3	3.8	1.4	0.81 U
	11/24/09	ORIG	270	11	0.3 U	0.3 U	24	0.22 U	0.48	0.25 U	0.65	2.8	0.33 U	5.8 J	16	2.5	0.07 U	81	3.4	19	4	14	4.8	0.98 U
	11/24/09	DUP	270	10	0.32 U	0.32 U	23	0.24 U	0.45	0.27 U	0.62	2.8	0.35 U	4.7 J	15	2.5	0.075 U	74	3.2	18	3.7	12	4.1	1 U
	12/28/09	ORIG	540	21	0.62 U	0.62 U	80	0.46 U	0.72 U	0.52 U	0.95	4.9	0.68 U	20	60	2.6	0.14 U	690 E	2.1	16	13	48	16	2 U
	12/28/09	DUP	530	21	0.89 U	0.89 U	78	0.66 U	1 U	0.76 U	0.91	5.7 U	0.99 U	20	58	2.3	0.21 U	670 E	2.1	16	12	45	15	3 U
	01/27/10	ORIG	580	21	0.64 U	0.64 U	67	0.47 U	0.73 U	0.54 U	1.2	4 U	0.7 U	16 J	48	2.4	0.15 U	65	2.6	16	4.5	16	5.8	2.1 U
	01/27/10	DUP	550	20	0.59 U	0.59 U	63	0.43 U	0.68 U	0.49 U	1	3.7 U	0.64 U	16	45	2.2	0.14 U	72	2.6	14	4.2	14	5.1	1.9 U
	02/24/10	SPLIT	790	37	0.16	1.7	100	0.097	0.58	0.092 U	1.8	4	0.25	18	76	2.2	0.026 U	63 J	3.1	22	8.1	34	15	0.35 U
	02/24/10	ORIG	1000	37	1 U	1 U	110	0.78 U	1.2 U	0.89 U	1.6	6.7 U	1.2 U	20	78	0.96 U	0.25 U	81 J	3.9	28	8.6	35	13	3.5 U
	02/24/10	DUP	1000	38	1.7 U	1.7 U	110	1.2 U	2 U	1.4 U	1.5 U	11 U	1.9 U	21	78	1.5 U	0.4 U	83	4	28	8.8	36	14	5.6 U
	03/31/10	SPLIT	30	1.6 J	0.11 U	0.11 U	4.4 J	0.081 U	0.64 J	0.092 U	0.13	0.69 U	0.22	2.4 J	4.2 J	2.6	0.026 U	14 J	0.7 J	1.8 J	0.36 J	1.3 J	0.5 J	0.35 U
	03/31/10	ORIG	30	1.2 J	0.18 U	0.18 U	2.9 J	0.14	0.42 J	0.15 U	0.16 U	1.1 U	0.19 U	1.6 J	3.4 J	2.2	0.041 U	9.6 J	0.53 J	1.2 J	0.22 J	0.53 J	0.18 J	0.58 U
	03/31/10	DUP	30	1.3	0.18 U	0.18 U	2.6	0.17	0.42	0.15 U	0.16 U	1.1 U	0.2 U	1.8	3.6	2.3	0.042 U	5.9 J	0.56	1.3	0.2	0.53	0.18	0.59 U
	04/28/10	SPLIT	20	1.5 J	0.11 U	0.11 U	2.4 J	0.098	0.22 J	0.11	0.13	0.47 J	0.12 U	1.4	2	2.4	0.026 U	15 J	0.53 J	12 J	3.9 J	15 J	5 J	0.35 U
	04/28/10	ORIG	22	1.2 J	0.2 U	0.2 U	1.9 J	0.15 U	0.42 J	0.17 U	0.18 U	3.5 J	0.22 U	1.5	2.2 J	2.4	0.047 U	7.2 J	0.36 J	2.5 J	0.16 UJ	0.32 UJ	0.16 UJ	0.66 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	04/28/10	DUP	22	1.3	0.21 U	0.21 U	1.6 J	0.15 U	0.37	0.18 U	0.19 U	1.3 U	0.23 U	1.5	2.3 J	2.5	0.049 U	6.7	0.37	0.82 J	0.16 U	0.33 U	0.16 U	0.69 U
	05/27/10	ORIG	640	23	0.7 U	0.7 U	78	0.52 U	0.8 U	0.59 U	1.1	4.4 U	0.77 U	12	53	2.9	0.16 U	49	1.4	6.8	1.3	3.8	1.3	2.3 U
	06/24/10	ORIG	3.5	0.22	0.19 U	0.19 U	0.13	0.14 UJ	0.41	0.16 U	0.17 U	1.8 J	0.2 U	1.7	0.6	2.6	0.044 U	35 J	1.8	8.3	1.2	4.4	1.7	0.62 U
	06/24/10	DUP	3.5	0.22	0.18 U	0.18 U	0.36	0.14 UJ	0.39	0.15 U	0.16 U	2.5 J	0.2 U	1.7	0.63	2.5	0.043 U	34 J	1.8	8.4	1.2	4.5	1.8	0.6 U
	07/01/10	ORIG	3.3	0.22	0.18 U	0.18 U	0.12	0.13 U	0.41	0.15 U	0.22	2.3	0.19 U	1.9	0.63	2.7	0.041 U	73	1.4	7.4	0.67	2.1	0.78	0.58 U
	07/08/10	ORIG	2.2	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.5	0.16 U	0.17 U	2.5 J	0.21 U	1.6	0.66	2.5	0.045 U	530 E	2	7.4	0.63	1.9	0.69	0.63 U
	07/08/10	DUP	2.1	0.19 U	0.19 U	0.19 U	0.069 U	0.14 UJ	0.42	0.16 U	0.17 U	4 J	0.21 U	1.7	0.67	2.5	0.045 U	540 E	1.9	7.3	0.63	1.8	0.7	0.63 U
	07/28/10	ORIG	3.5	0.36	0.17 U	0.17 U	0.37	0.13	0.4	0.16	0.15 U	6.2	0.19 U	1.2	0.47	2	0.044	74	2 J	68 J	2.6 J	8.3	3.3	0.56 U
	07/28/10	DUP	3.8	0.29	0.17 U	0.17 U	0.39	0.13 U	0.38	0.14 U	0.15 U	2.4	0.19 U	1.2	0.54	2	0.04 U	72	1.5 J	6.1 J	1.8 J	7	3	0.57 U
	08/27/10	ORIG	1.7	0.14 U	0.15 U	0.15 U	0.092	0.11 U	0.43	0.12 U	0.21	3.6	0.16 U	1.7 J	0.66	2.2	0.034 U	39	1.8	18	0.87	2.6	0.86	0.48 U
	08/27/10	DUP	1.5	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.16 J	2.5	0.2 U	1.7 J	0.57	2.2	0.044 U	31	1.3	12	0.65	1.8	0.58	0.62 U
	09/29/10	SPLIT	2.7 J	0.22	1.2 U	1.2 U	0.45 U	0.91 U	1.4 U	1 U	1.1 U	7.8 U	1.4 U	2	1.7 U	2.9	0.29 U	180	3.6	97 J	74	310	120	4.1 U
	09/29/10	ORIG	1.9 J	0.56 U	0.57 U	0.57 U	1.7 J	0.42 U	0.66 U	0.48 U	0.51 U	9.7	0.63 U	2.4 J	1.8	2.7	0.13 U	210	3.9	120 J	78	340	130	1.9 U
	09/29/10	DUP	1.9 J	0.56 U	0.57 U	0.57 U	0.34 J	0.42 U	0.66 U	0.48 U	0.51 U	9.4	0.63 U	1.6 J	1.1	2.7	0.13 U	190	3.8	120 J	80	350	140	1.9 U
	10/27/10	ORIG	1.5	0.18 U	0.18 U	0.18 U	0.25	0.13 U	0.44	0.15 U	0.29	16 J	0.2 U	1.6 J	3	2.6	0.042 U	53	2.8	20 J	5.7	28	9.8	0.59 U
	10/27/10	DUP	1.5	0.18 U	0.18 U	0.18 U	0.26	0.13 U	0.46	0.15 U	0.23	4.4 J	0.2 U	2.4 J	3.2	2.7	0.042 U	54	2.8	12 J	5.6	28	9.8	0.59 U
	11/30/10	ORIG	1.2	0.18 U	0.18 U	0.18 U	0.14	0.21	0.44 J	0.15 U	0.2	2.3	0.2 U	1.2	0.6	2.5	0.042 U	34	3.2	16	2.5	10	3.7	0.59 U
	11/30/10	DUP	1.2	0.18 U	0.18 U	0.18 U	0.14	0.19	0.46 J	0.15 U	0.16 U	2.3	0.2 U	1.1	0.62	2.6	0.042 U	34	3.2	16	2.6	10	3.7	0.59 U
	12/28/10	ORIG	1.1 J	0.18 U	0.19 U	0.19 U	0.13	0.21	0.47 J	0.16 U	0.17 U	1.2 U	0.2 U	1.5	0.65	2.6	0.044 U	22	2.4	8.5	1	3.2 J	1.2 J	0.62 U
	12/28/10	DUP	1.4 J	0.15 U	0.16 U	0.16 U	0.19	0.18	0.46 J	0.13 U	0.14 J	1.1	0.21	1.5	0.68	2.6	0.037 U	23	2.8	9.7	1.2	4 J	1.5 J	0.52 U
	01/26/11	ORIG	1.3	0.17 U	0.17 U	0.17 U	0.15	0.13 U	0.48 J	0.14 U	0.21	4.5	0.19 U	1.8	1	2.5	0.04 U	410 E	4.7	25	3.4	14	4.3	0.57 U
	01/26/11	DUP	1.3	0.16 U	0.16 U	0.16 U	0.14	0.12 U	0.46 J	0.14 U	0.18	4.5	0.18 U	1.8	1.1	2.5	0.039 U	410 E	4.8	25	3.5	14	4.4	0.55 U
	02/28/11	ORIG	0.92 J	0.74 U	0.75 U	0.75 U	0.27 UJ	0.56 U	0.86 U	0.63 U	0.67 U	4.8 U	0.83 U	1.8	1 U	2.1	0.18 U	250	1.9	54	3.6	9.9	2.4	2.5 U
	02/28/11	DUP	0.95	0.74 U	0.75 U	0.75 U	0.27 UJ	0.56 U	0.86 U	0.63 U	0.67 U	4.8 U	0.83 U	1.8	1 U	2.1	0.18 U	260	1.9	54	3.7	10	2.4	2.5 U
	03/30/11	SPLIT	3.3 J	0.24	0.11 U	0.11 U	0.27 J	0.11	0.62 J	0.092 U	0.28 J	3.7	0.17	1.6	0.83 J	2.7	0.026 U	60	2.5 J	11	3.1 J	11 J	4.6 J	0.36 U
	03/30/11	ORIG	2.2 J	0.19 U	0.2 U	0.2 U	0.24 J	0.14 U	0.46 J	0.16 U	0.21 J	3.7	0.22 U	1.5	0.63 J	2.4	0.046 U	67	1.9 J	9.8	1.8 J	7 J	2.5 J	0.64 U
	04/29/11	ORIG	0.73	0.18 U	0.18 U	0.18 U	0.094	0.15	0.45 J	0.15 U	0.16 U	4.9	0.2 J	2.2 J	0.93	2.9	0.042 U	32	1.1	5.6	0.71	2.1	0.7	0.59 U
	05/31/11	ORIG	2.7	0.17 U	0.18 U	0.18 U	0.29	0.13 UJ	0.53 J	0.15 U	0.23	1.1 U	0.19 U	1.3	0.75	2.6	0.041 U	22	1.4	5.4	0.61	1.9	0.69 J	0.58 U
	06/29/11	ORIG	0.59	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.34	0.15 U	0.16 U	1.2 U	0.2 UJ	0.86	0.38	1.6	0.043 U	53	0.69	5.8	0.58	1.9	0.63	0.6 U
	07/27/11	SPLIT	0.81	0.081	0.11 U	0.11 U	0.084	0.089	0.6	0.092 U	0.11	0.69 U	0.25	1.3	0.56	2.9	0.026 U	31 E	0.68	5.5 J	0.88 J	2.8 J	1.1 J	0.36 U
	07/27/11	ORIG	0.78	0.17 U	0.17 U	0.17 U	0.063	0.13 U	0.49 J	0.14 U	0.15 U	1.1 U	0.19 UJ	1.3	0.54	2.4	0.04 U	45 J	0.59	3.9 J	0.49 J	1.4 J	0.39 J	0.57 U
	08/31/11	ORIG	1.2	0.17 U	0.18 U	0.18 U	0.077	0.13 U	0.59	0.15 U	0.16 U	1.1 U	0.19 UJ	2.1	0.61	3	0.041 U	30	0.85	18	5.7	27	9.6	0.58 U
	09/27/11	SPLIT	1.3	0.17	0.11 U	0.3	0.085	0.093	0.56	0.092 U	0.43 J	1.9	0.23	1.5	0.69 J	3.1 J	0.026 U	54	2	12 J	2.5 J	11 J	5.4 J	0.36 U
	09/27/11	ORIG	1.3	0.18 U	0.19 U	0.19 U	0.068 U	0.15	0.46	0.16 U	0.29 J	1.6	0.2 U	1.6	0.53 J	2.3 J	0.044 U	66	1.8	8.5 J	1.8 J	6.4 J	2.8 J	0.62 U
	12/21/11	SPLIT	1.3 J	0.12	0.11 U	0.11 U	0.058	0.082 J	0.63	0.092 U	0.2	0.83	0.12	1.6 J	0.81	2.9	0.026 U	37 J	3	12	4 J	14 J	5.6 J	0.36 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	12/21/11	ORIG	0.74 J	0.19 U	0.19 U	0.19 U	0.07 U	0.22 J	0.72	0.16 U	0.19	1.2 U	0.21 U	1.3 J	0.68	2.6	0.045 U	29 J	2.9	11	2.9 J	11 J	3.9 J	0.63 U
	03/28/12	SPLIT	0.36	0.094	0.11 U	0.11 U	0.058	0.11	0.56 J	0.092 U	0.18	0.69 U	0.13	1.4	0.63	2.4 J	0.026 U	12 J	1.6 J	5.6	1.1 J	3.8 J	1.4 J	0.36 U
	03/28/12	ORIG	0.3	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.77 J	0.16 U	0.18	1.2 UJ	0.2 U	1.3	0.56	2.4 J	0.044 U	15 J	1.1 J	4.9	0.75 J	2.6 J	0.9 J	0.62 U
	06/27/12	SPLIT	0.36	0.063	0.11 U	0.11 U	0.04 U	0.073	0.52	0.092 U	0.13	0.69 U	0.12 U	1.4	0.64	2.7 J	0.026 U	24 J	0.66	2.2 J	0.42	1 J	0.46	0.36 U
	06/27/12	ORIG	0.36	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.4 J	0.16 U	0.17	1.2 U	0.21 U	1.2	0.51	2 J	0.044 U	16 J	0.86	3.2 J	0.51	1.5 J	0.56	0.62 U
	09/26/12	SPLIT	0.37	0.084	0.11 U	0.11 U	0.061	0.078	0.52	0.092 U	0.13	0.85	0.12 U	1.2	0.53	2.1 J	0.026 U	37 J	1.2	5.9	1.2	3.7	1.7	0.36 U
	09/26/12	ORIG	0.33	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.2 U	1.2	0.47	2.6 J	0.042 U	58 J	1.1	5.3	1.1	3.8	1.5	0.59 U
Maintenance Shop																								
	07/23/08	ORIG	26	1.4	0.2 U	0.2 U	2.1	0.14 U	0.44	0.16 U	0.18	3.7	0.21 J	1.6	2.6	2.2	0.046 U	25	1.6	11	2.2	8.6	2.9	0.64 U
	07/23/08	EPA	48.13 J	4.83 U	4.91 U	4.91 U	4.36 J	3.64 U	5.66 U	4.14 U	4.39 U	6.25 J	5.41 U	5.06 U	6.9 U	4.45 U	2.3 U	--	2.87 U	15.81	3.91 U	9.99 J	3.91 U	--
	03/03/09	ORIG	42	15 U	15 U	15 U	11 U	11 U	17 U	12 U	13 U	9.5 U	16 U	15 U	21 U	14 U	7 U	5600 E	8.7 U	2600	12 U	18	12 U	9.9 U
	07/16/09	ORIG	22	3.8 U	3.8 U	3.8 U	1.7	2.8 U	4.4 U	3.2 U	3.4 U	24 U	4.2 U	3.9 U	5.4 U	3.5 U	0.89 U	2700 E	5.6 U	1700	3 U	6.1 U	3 U	13 U
	08/25/09	ORIG	12	1.7 U	1.7 U	1.7 U	0.61	1.2 U	2 U	1.4 U	1.5 U	11 U	1.9 U	1.9	2.4 U	2.7	0.4 U	1500 E	4.7	720	2.4	7	2.3	5.6 U
	09/30/09	ORIG	29	1.9	0.19 U	0.19 U	2	0.14 U	0.57	0.16 U	0.17 U	7.4	0.48	1.7	2.3 J	2.5	0.045 U	130 E	8.6	100	28	120	52	0.63 U
	10/29/09	ORIG	36	2	0.86 U	0.86 U	2.2 J	0.64 U	0.99 U	0.73 U	0.77 U	6.2	0.95 U	1.9	6.2	2.5	0.2 U	890 E	3	490	2.8	8.8	3.3	2.8 U
	11/24/09	ORIG	25	1.3	0.2 U	0.2 U	2	0.14 U	0.47	0.16 U	0.17 U	4	0.22 U	1.5	2.1	2.5	0.046 U	64	6.9	36	8.4	33	11	0.64 U
	12/28/09	ORIG	63	3.3	1 U	1 U	6.4	0.76 U	1.2 U	0.86 U	0.91 U	9.4	1.1 U	3.2	5.3	2.4	0.24 U	1900 E	1.9	25	48	200	73	3.4 U
	01/27/10	ORIG	24	1.3	0.21 U	0.21 U	2.2	0.15 U	0.48	0.18 U	0.19 U	5.6	0.23 U	2	2	2.5	0.049 U	28	2.4	17	6	25	8.9	0.69 U
	02/24/10	ORIG	11	0.89	0.21 U	0.21 U	1.1	0.16 U	0.54	0.18 U	0.19 U	3.3	0.23 U	1.6	1.3	2.8 J	0.05 U	1000 E	2.6	38	4.5	20	8	0.7 U
	03/31/10	ORIG	19	1	0.18 U	0.18 U	1.6	0.2	0.41	0.15 U	0.16 U	7.2	0.2 U	1.3	1.8	2	0.042 U	25	5.3	38	4.3	18	5	0.59 U
	04/28/10	ORIG	46	2.2	0.15 U	0.15 U	3 J	0.11 U	0.41	0.12 U	0.16	8.7	0.16 U	1.7	2.7 J	2.2	0.035 U	34	1.6	9	0.98	3.5	1.1	0.49 U
	05/27/10	ORIG	7.9	0.48	0.19 U	0.19 U	1.2	0.14 U	0.52	0.16 U	0.17 U	4.5	0.2 U	1.9	1.6	2.8	0.044 U	140 E	2.3	19	3.7	15	5.1	0.62 U
	06/18/10	ORIG	2.5 U	2 U	2 U	2 U	0.74 U	1.5 U	2.4 U	1.7 U	1.8 U	13	2.2 U	2.1 U	2.9 U	2.2	0.48 U	1300 E	35	620	64	260	61	6.7 U
	06/24/10	ORIG	0.68	0.18 U	0.18 U	0.18 U	0.066	0.13 UJ	0.42	0.15 U	0.16 U	4.4	0.2 U	1.6	0.54	2.6	0.058	48 J	6.7	37	6.1	36	17	0.59 U
	07/01/10	ORIG	5.9 U	4.7 U	4.8 U	4.8 U	3.5 U	3.5 U	5.5 U	4 U	4.3 U	4.8	5.3 U	4.9 U	6.7 U	4.3 U	2.2 U	380	9.7	21	3.8 U	12	4.5	3.2 U
	07/08/10	ORIG	0.56	0.35 U	0.36 U	0.36 U	0.13 U	0.26 UJ	0.58	0.3 U	0.32 U	5	0.39 U	1.7	0.73	2.4	0.084 U	1000 E	3.8	13	1	3.1	1.1	1.2 U
	07/28/10	ORIG	0.58	0.18 U	0.18 U	0.18 U	0.067 U	0.37	0.44	0.15 U	0.21	3	0.2 U	1.2	0.4	2.1	0.043 U	41	2.1	12	3.6	14	6.2	0.6 U
	08/27/10	ORIG	0.66	0.19 U	0.19 U	0.19 U	0.077	0.14 U	0.41	0.16 U	0.17 U	8.7	0.21 U	1.6 J	0.69	2.3	0.045 U	45	2.2	32	1.7	6.1	1.9	0.63 U
	09/29/10	ORIG	0.65	0.36 U	0.37 U	0.37 U	0.18	0.27 U	0.44	0.31 U	0.33 U	4.2	0.4 U	1.9	1.2	2.8	0.086 U	710 E	2.4	12	8.9	43	17	1.2 U
	10/27/10	ORIG	0.33	0.18 U	0.18 U	0.18 U	0.12	0.13 U	0.41	0.15 U	0.16 U	3.9	0.2 U	1.5	3	2.5	0.042 U	96 E	2	7.9	5.3	31	12	0.59 U
	11/30/10	ORIG	0.47	0.18 U	0.18 U	0.18 U	0.065 U	0.21	0.42 J	0.15 U	0.16 U	2.6	0.2 U	1	0.5	2.4	0.042 U	300 E	3.8	18	4.2	18	6.2	0.59 U
	12/28/10	ORIG	0.74	0.16 U	0.16 U	0.16 U	0.072	0.18	0.47 J	0.14 U	0.14 U	3.6	0.18 U	1.4	0.57	2.5	0.038 U	48	3.5	20	3.6	15	4.5	0.54 U
	01/26/11	ORIG	0.55	0.22 U	0.23 U	0.23 U	0.083 U	0.17 U	0.49 J	0.19 U	0.2 U	3.7	0.25 U	1.5	0.62	2.4	0.054 U	760 E	10	130	8.8	36	9.3	0.76 U
	02/28/11	ORIG	58 U	46 U	47 U	47 U	34 U	35 U	54 U	39 U	42 U	30 U	51 U	48 U	66 U	42 U	22 U	8700 E	27 U	2200	91	260	48	31 U
	03/30/11	ORIG	0.54	0.17 U	0.18 U	0.18 U	0.064 U	0.23	0.49	0.15 U	0.17	3.1	0.19 U	1.4	0.54	2.3	0.041 U	300 E	6.4	29	4.4	20	6	0.58 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	04/29/11	SPLIT	0.46 J	0.055	0.11 U	0.11 U	0.046	0.081 U	0.55	0.092 U	0.14	8.1	0.12 J	1.6 J	0.73	2.6	0.026 U	28 J	3.3	24 J	6.6 J	27 J	11 J	0.46
	04/29/11	ORIG	0.32 J	0.18 U	0.18 U	0.18 U	0.067 U	0.19	0.44 J	0.15 U	0.16 U	7.8	0.2 J	2 J	0.65	2.8	0.043 U	40 J	3.1	18 J	2.6 J	10 J	3 J	0.6 U
	05/31/11	SPLIT	2.1 J	0.14	0.11 U	0.11 U	0.13	0.097	0.62	0.092 U	0.28	0.78	0.24	1.2	0.73	2.6	0.026 U	21 J	2.8	29	2.1 J	7.7 J	3.3	0.36 U
	05/31/11	ORIG	1.5 J	0.19 U	0.2 U	0.2 U	0.12	0.14 UJ	0.52 J	0.16 U	0.25	1.2 U	0.22 U	1.3	0.66	2.5	0.046 U	29 J	2.5	25	1.2 J	4.4 J	1.6 J	0.64 U
	06/29/11	SPLIT	0.51 J	0.065	0.11 U	0.11 U	0.04 U	0.12	0.63 J	0.092 U	0.13	0.69 U	0.14	1.3	0.62	0.86 J	0.026 U	41	2.4 J	16	4.4 J	14 J	6.7 J	0.36 U
	06/29/11	ORIG	0.37 J	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.45 J	0.34	0.16 U	1.2	0.2 UJ	1.2	0.56	2.4 J	0.042 U	34	3 J	13	2.1 J	7.4 J	2.5 J	0.59 U
	07/27/11	ORIG	0.57	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.53 J	0.54	0.17 U	1.4	0.21 UJ	1.4	0.58	2.6	0.045 U	100 E	7	36	6.1	25	8	0.63 U
	08/31/11	SPLIT	1.1	0.11	0.48 U	0.48 U	0.17 U	0.35 U	0.55 U	0.49	0.43 U	3 U	0.53 U	2.1	0.75	2.7	0.11 U	68 J	3.3	180	72 J	300	150 J	1.6 U
	08/31/11	ORIG	1	0.47 U	0.48 U	0.53	0.17 U	0.35 U	0.58	0.4 U	0.43 U	3 U	0.53 UJ	2	0.67	3	0.11 U	93 J	3	160	54 J	250	98 J	1.6 U
	09/27/11	ORIG	0.92	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.46	0.2	0.32	1.7	0.21 U	1.7	0.56	2.5	0.045 U	120 E	2.2	13	3.1	13	4.8	0.63 U
	12/21/11	ORIG	0.46	0.18 U	0.18 U	0.18 U	0.067 U	0.17	0.71	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.61	2.6	0.043 U	290 E	4.4	24	27	110	42	0.61 U
	03/28/12	ORIG	0.38	0.17 U	0.17 U	0.17 U	0.061 U	0.14	0.74	0.14 U	0.17	1.1 J	0.19 U	1.3	0.63	2.4	0.04 U	33	3.1	52	10	47	15 J	0.56 U
	06/27/12	ORIG	0.78	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.37 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.51	2.1	0.044 U	29	3	16	3.9	15	6.3	0.62 U
	09/26/12	ORIG	0.24	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.59	0.15 U	0.16 U	1.2	0.2 U	1.3	0.53	2.6	0.043 U	3300 E	9	67	13	51	19	0.6 U
Second floor office area																								
	05/11/04	ORIG	100	4	0.49	0.2 U	21	0.15 U	0.62	0.17 U	0.23	1.4	0.22 U	6.9	26	2.6	0.046 U	43	1.4	8.7	1.5	5.5	2.1	0.66 U
	09/14/05	ORIG	45	1.7	0.2 U	0.2 U	6	0.15 U	0.63	0.17 U	0.21	1.3	0.22 U	3.4	6.8	1.5	0.047 U	37	1.2	6.5	0.95	3.3	0.96	0.66 U
	07/23/08	ORIG	140	5.9	0.19 U	0.19 U	12	0.14 U	0.44	0.16 U	0.43	1.5	0.21 U	3.1	10	2.3	0.045 U	37	0.88	7	0.88	3.1	1.1	0.63 U
	03/03/09	ORIG	330	12	0.52 U	0.52 U	41	0.39 U	0.6 U	0.44 U	0.59	3.3 U	0.57 U	11	37	2.5	0.12 U	110	2	49	1.5	4.9	2	1.7 U
	07/16/09	ORIG	47	2.1	0.19 U	0.19 U	2.6	0.14 U	0.55	0.16 U	0.31	1.4	0.21 U	2	1.6	2.4	0.045 U	180 E	1.7	89	0.65	2	0.7	0.63 U
	08/25/09	ORIG	18	1.1	0.16 U	0.16 U	0.92	0.12 U	0.54	0.14 U	0.33	1.5	0.18 U	1.6	1.2	2.6	0.039 U	54	1.9	13	0.81	2.4	0.78	0.55 U
	09/30/09	ORIG	39	1.7	0.19 U	0.19 U	1.4	0.14 U	0.64	0.16 U	0.22	4.2	0.2 U	1.7	1.8 J	2.9	0.044 U	34	2.1	28	7.3	38	13	0.62 U
	10/29/09	ORIG	95	3.8	0.19 U	0.19 U	4.7 J	0.14 U	0.43	0.16 U	0.28	1.9	0.2 U	2	8.1	2.4	0.044 U	79	2.1	22	1	3	1.1	0.62 U
	11/24/09	ORIG	240	9.5	0.35 U	0.35 U	19	0.26 U	0.42	0.3 U	0.61	3.2	0.39 U	4.2	14	2.4	0.082 U	84	3.1	19	4.2	14	5	1.2 U
	12/28/09	ORIG	520	20	0.89 U	0.89 U	57	0.66 U	1 U	0.76 U	0.97	8.6	0.99 U	14	39	2.2	0.21 U	2300 E	2.8	34	39	150	47	3 U
	01/27/10	ORIG	540	20	0.81 U	0.81 U	59	0.6 U	0.94 U	0.68 U	1.1	5.3	0.9 U	14	40	2.2	0.19 U	86	3.7	40	6.6	23	8.3	2.7 U
	02/24/10	ORIG	970	36	1.4 U	1.4 U	100	1.1 U	1.6 U	1.2 U	1.8	9.2 U	1.6 U	20	74	2.8 J	0.34 U	110	5	37	12	48	19	4.7 U
	03/31/10	ORIG	48	1.8	0.2 U	0.2 U	3.6	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	1.8	4.2	2.2	0.047 U	13	0.51	1.4	0.2	0.56	0.2	0.66 U
	04/28/10	ORIG	62	2.9	0.2 U	0.2 U	4.7 J	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	2	4.4 J	2.4	0.047 U	12	0.43	1.2	0.16	0.45	0.16	0.66 U
	05/27/10	ORIG	660	24	0.7 U	0.7 U	85	0.52 U	0.81 U	0.59 U	1.2	5.7	0.78 U	12	54	2.9	0.16 U	54	1.9	11	2	6.1	2	2.3 U
	06/24/10	ORIG	3.9	0.24	0.19 U	0.19 U	0.43	0.14 UJ	0.4	0.16 U	0.17 U	2.6	0.21 U	1.8	0.59	2.5	0.045 U	43 J	3.2	16	2.4	11	4.3	0.63 U
	07/01/10	ORIG	3.4	0.36 U	0.37 U	0.37 U	0.17	0.27 U	0.42 J	0.31 U	0.33 U	3.2	0.4 U	2.1	0.71	2.5	0.086 U	120	3	9.1	0.98	3	1.2	1.2 U
	07/08/10	ORIG	1.5	0.25 U	0.26 U	0.26 U	0.093 U	0.19 UJ	0.42	0.22 U	0.23 U	4	0.28 U	1.6	0.64	2.5	0.06 U	770 E	3.2	12	0.95	2.9	1	0.84 U
	07/28/10	ORIG	4	0.29	0.18 U	0.18 U	0.24	0.14 U	0.38	0.15 U	0.16 U	3.9	0.2 U	1.4	0.54	2	0.043 U	150 E	1.9	9.2	2.8	11	4.6	0.6 U
	08/27/10	ORIG	2	0.22 U	0.22 U	0.22 U	0.08 U	0.16 U	0.4	0.18 U	0.2 U	3.4	0.24 U	1.8 J	0.59	2.1	0.051 U	42	1.5	16	0.83	2.4	0.96	0.72 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/29/10	ORIG	2.4	0.88 U	0.89 U	0.89 U	0.54	0.66 U	1 U	0.76 U	0.8 U	17	0.99 U	2.9	1.4	2.5	0.21 U	320	5.6	200	130	520	200	3 U
	10/27/10	ORIG	1.3	0.18 U	0.18 U	0.18 U	0.24	0.14 U	0.43	0.15 U	0.25	12	0.2 U	2.4	3	2.5	0.043 U	56	2.5	16	5.2	27	9.3	0.6 U
	11/30/10	ORIG	1	0.18 U	0.18 U	0.18 U	0.12	0.16	0.42 J	0.15 U	0.16 U	2.4	0.2 U	1.1	0.61	2.5	0.042 U	34	3	16	2.5	10	3.6	0.59 U
	12/28/10	ORIG	1.4	0.14	0.14 U	0.14 U	0.25	0.17	0.5 J	0.12 U	0.14	1.3	0.21	1.6	0.7	2.5	0.034 U	30	2.9	13	1.5	5	1.6	0.48 U
	01/26/11	ORIG	1.3	0.2 U	0.2 U	0.2 U	0.14	0.15 U	0.52 J	0.17 U	0.31	4.1	0.22 U	1.8	0.98	2.6	0.048 U	410 E	4.5	25	3.3	13	4.2	0.67 U
	02/28/11	ORIG	0.68	0.34 U	0.34 U	0.34 U	0.14 J	0.25 U	0.4	0.29 U	0.3 U	2.2 U	0.38 U	1.7	0.66	2.3	0.08 U	130	1.5	27	2	5.4	1.4	1.1 U
	03/30/11	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.16 J	0.17	0.52	0.15 U	0.2	2.8	0.2 U	1.7	0.75	2.6	0.042 U	39	1.7	7.5	1.2	4.1	1.4	0.59 U
	04/29/11	ORIG	0.68	0.18 U	0.18 U	0.18 U	0.081	0.16	0.39 J	0.15 U	0.16 U	4.5	0.2 J	2.2 J	0.9	2.9	0.042 U	31	1.2	6.3	0.68	2	0.67	0.59 U
	05/31/11	ORIG	2.4	0.19	0.19 U	0.19 U	0.24	0.14 UJ	0.52 J	0.16 U	0.23	1.2 U	0.2 U	1.3	0.74	2.6	0.044 U	20	1.4	5.7	0.62	2	0.72 J	0.62 U
	06/29/11	ORIG	0.8	0.18 U	0.18 U	0.18 U	0.066 U	0.13 U	0.48	0.15 U	0.16 U	1.2 U	0.2 UJ	1.3	0.56	2.3	0.042 U	58	1.1	6.7	0.8	2.6	1	0.6 U
	07/27/11	ORIG	0.86	0.16 U	0.16 U	0.16 U	0.079	0.12 U	0.56 J	0.14 U	0.14 U	1 U	0.18 UJ	1.5 J	0.59	2.7	0.038 U	44	0.63	3.8	0.55	1.8	0.61	0.54 U
	08/31/11	ORIG	1.1	0.18 U	0.18 U	0.18 U	0.089	0.13 U	0.61	0.15 U	0.16 J	1.1 U	0.2 UJ	2.1	0.66	2.9	0.042 U	27	0.91	24	8	36	13	0.59 U
	09/27/11	ORIG	0.88	0.18 U	0.19 U	0.19 U	0.09	0.14 U	0.5	0.16 U	0.3	2.1	0.2 U	1.6	0.6	2.6	0.044 U	47	1.8	6.8	1.3	4.5	2.1	0.62 U
	12/21/11	ORIG	0.53	0.18 U	0.18 U	0.18 U	0.067 U	0.2	0.71	0.16 U	0.16	1.2 U	0.2 U	1.3	0.67	2.6	0.043 U	19	2.3	8.3	1.8	6.4	2.3	0.61 U
	03/28/12	ORIG	0.24	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.77	0.16 U	0.17 U	1.2 UJ	0.21 U	1.3	0.58	2.5	0.045 U	10	1	3.3	0.55	1.8	0.63 J	0.63 U
	06/27/12	ORIG	0.31	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.38 J	0.16 U	0.18	1.2 U	0.2 U	1.1	0.51	2.1	0.043 U	14	0.8	9	1.6	5.1	1.5	0.61 U
	09/26/12	ORIG	0.22 U	0.18 U	0.18 U	0.18 U	0.065 U	0.13 U	0.49	0.15 U	0.16 U	1.1 U	0.2 U	1.4	0.52	2.7	0.042 U	71	1	3.9	0.77	2.6	1	0.59 U
Women and Children's Crisis Shelter																								
First Floor Great Room																								
	05/27/10	ORIG	8	0.78	0.19 U	0.19 U	4.6 J	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.2 U	2	2 J	2.8	0.044 U	11	0.55	1.8	0.24	0.58	0.2	0.62 U
	07/01/10	ORIG	4.3	0.4	0.17 U	0.17 U	1.6	0.25	0.29	0.14 U	0.23	2.3	0.19 U	1.8	0.87	2.5	0.04 U	52	0.87	29	2.8	21	3	0.56 U
	07/28/10	ORIG	4.7	0.47	0.2 U	0.2 U	1.4	0.15 U	0.37	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.74	2	0.047 U	17	0.57	1.8	0.39	0.96	0.3	0.66 U
	08/27/10	ORIG	3.9	0.23	0.2 U	0.2 U	1.1	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.74	2.1	0.046 U	16	0.8	2.5	0.36	0.78	0.36	0.64 U
	10/07/10	ORIG	5.8	0.28	0.19 U	0.19 U	1.1	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	2	0.88	2.8	0.045 U	16	0.6	1.8	0.21	0.52	0.16	0.63 U
	10/27/10	ORIG	3.1	0.14	0.15 U	0.15 U	0.28	0.11 U	0.44	0.12 U	0.13 U	1	0.16 U	1.8	1.1	2.6	0.035 U	9.4	0.94	2.5	0.35	1	0.33	0.49 U
	11/30/10	ORIG	15	0.6	0.19 U	0.19 U	2.6	0.14 U	0.32 J	0.16 U	0.17 U	1.2 U	0.2 U	1	0.84	1.7	0.044 U	1200 E	1	2.5	0.49	1.5	0.51	0.62 U
	12/28/10	ORIG	4.8	0.39	0.15 U	0.15 U	0.5	0.19	0.49 J	0.12 U	0.17	0.95	0.16 U	1.6	0.86	2.6	0.034 U	19	4.3	12	1.2	3.6	0.97	0.48 U
	01/26/11	ORIG	2.9	0.17 J	0.17 U	0.17 U	0.21	0.2	0.33 J	0.14 U	0.16	1.2	0.19 U	1.6	0.6	2.6	0.04 U	23	1.4	5.2	0.65	2	0.81	0.57 U
	02/28/11	ORIG	2	0.19 U	0.2 U	0.2 U	0.32 J	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.4	0.7	2.5	0.046 U	9.9	0.97	2.2	0.35	1	0.34	0.64 U
	03/30/11	ORIG	5.3	0.29 J	0.3 U	0.3 U	3.1	0.22 U	0.48	0.25 U	0.26 U	1.9 U	0.33 U	1.8	2	2.4	0.07 U	17	1.2	4	0.61	1.8	0.56 J	0.98 U
	04/29/11	ORIG	4.9	0.22	0.18 U	0.18 U	0.68	0.15	0.48	0.15 U	0.16 U	1.1 U	0.2 UJ	2.4	1.6	3.2	0.042 U	12	0.48	1.6	0.16	0.35	0.14 U	0.59 U
	05/31/11	ORIG	3.4	0.19 U	0.19 U	0.19 U	0.49	0.14 UJ	0.54 J	0.16 U	0.17	1.2 U	0.21 U	1.3	0.99	2.6	0.045 U	14	0.99	3.1	0.42	1.2	0.43 J	0.63 U
	06/29/11	ORIG	4.2	0.2	0.16 U	0.16 U	0.46	0.12 U	0.49	0.14 U	0.15 U	1 U	0.18 UJ	1.3	0.85	2.4	0.038 U	25	0.57	1.8	0.31	0.91	0.44	0.54 U
	07/27/11	ORIG	6	0.3	0.17 U	0.17 U	0.85	0.13 U	0.5	0.14 U	0.15 U	1.1 U	0.19 UJ	1.4 J	1	2.5	0.04 U	10	0.32	1	0.18	0.52	0.19	0.57 U
	08/31/11	ORIG	6.1	0.32	0.18 U	0.18 U	0.9	0.14 U	0.68	0.15 U	0.26	1.6	0.2 UJ	2.2	1.3	3.2	0.043 U	20	0.52	1.6	0.23	0.59	0.22	0.6 U

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Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/27/11	ORIG	5.3	0.37	0.19 U	0.19 U	5	0.14	0.44	0.16 U	0.31	2	0.2 U	3.6	1.1	2.4	0.044 U	31	1.7	5.6	1.7	8.8	5.5	0.62 U
	10/28/11	SPLIT	3.5 J	0.31 J	0.11 U	0.11 U	0.51 J	0.11	0.69 J	0.092 U	0.42 J	1.8	0.42	1.6	1.3 J	2.1	0.026 U	29 J	3.9 J	14 J	2.9 J	11 J	3.9 J	0.36 U
	10/28/11	ORIG	2.4 J	0.21 J	0.2 U	0.2 U	0.31 J	0.16	0.52 J	0.16 U	0.61 J	1.2 U	0.46	1.4 J	0.76 J	2.5	0.046 U	120 E	1.9 J	6.4 J	0.94 J	3.5 J	1.3 J	0.64 U
	11/30/11	SPLIT	2 J	0.21 J	0.62	0.11 U	0.19 J	0.37 J	0.93 J	0.092 U	0.46	1.4	0.29	2.3 J	1.3	3.7 J	0.026 U	31 J	3.2 J	13 J	2.3 J	7.2 J	2.3 J	0.36 U
	11/30/11	ORIG	3.9 J	0.38 J	0.19 U	0.19 U	0.53 J	0.18 J	0.49 J	0.16 U	0.36	1.7	0.21 UJ	1.6 J	1.3	2.4 J	0.045 U	39 J	2.4 J	8.1 J	1.3 J	4.3 J	1.6 J	0.63 U
	03/28/12	ORIG	0.44	0.18 U	0.19 U	0.19 U	0.095	0.14 U	0.76	0.16 U	0.17 U	1.2 UJ	0.2 U	1.3	0.58	2.4	0.044 U	8.4	1.1	3	0.44	1.5	0.52 J	0.62 U
	04/30/12	ORIG	0.47	0.18 U	0.19 U	0.19 U	0.2	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.2 U	1.1	0.58	0.17 U	0.044 U	15	0.51	1.2	0.18	0.54	0.26	0.62 U
	05/30/12	ORIG	0.28	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.2 U	1.1	0.51	2.2	0.044 U	10	0.4	1.2	0.22	0.59	0.24	0.62 U
	06/27/12	ORIG	0.38	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.37 J	0.16 U	0.17	1.2 U	0.2 U	1.1	0.55	2.2	0.043 U	11	0.78	2.6	0.4	1.1	0.41	0.61 U
	07/31/12	ORIG	0.24	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.47	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.5	2.2	0.045 U	12	0.42 J	1.4	0.25	0.76	0.29	0.63 U
	08/30/12	ORIG	0.36	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.23	1.2 U	0.21 U	1.2	0.53	2.4	0.045 U	19	0.75	2.5	0.45	1.3	0.51	0.63 U
	09/26/12	ORIG	0.66	0.18 U	0.18 U	0.18 U	0.067 U	0.15	0.51	0.15 U	0.16 U	1.2 U	0.2 U	1.2	0.51	2.8	0.043 UJ	16	0.61	1.8	0.28	0.9	0.35	0.6 U
	10/31/12	ORIG	0.63	0.18 U	0.19 U	0.19 U	0.068 U	0.2	0.58	0.16 U	0.29	1.2 U	0.26	1.4	0.53	2.4	0.044 U	24	1.4 J	4.2 J	0.75	2.6	0.96	0.62 U
First Floor Office (Northwest Corner of Building)																								
	05/27/10	ORIG	13	1	0.17 U	0.17 U	7.9 J	0.13 U	0.55	0.14 U	0.15 U	1.1 U	0.19 U	2.6	3.1 J	2.9	0.04 U	26	0.53	1.8	0.25	0.6	0.2	0.57 U
	07/01/10	ORIG	8.9	0.65	0.19 U	0.19 U	4	0.14 U	0.45	0.16 U	0.2	1.4	0.2 U	2.2	1.5	2.8	0.044 U	36	0.88	2.5	0.24	0.51	0.27	0.62 U
	07/28/10	ORIG	4.5	0.44	0.2 U	0.2 U	1.4	0.14 U	0.22 U	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.79	2.1	0.046 U	39	0.61	1.9	3.2	8.3	1.7	0.64 U
	08/27/10	ORIG	4.6	0.23	0.18 U	0.18 U	0.53	0.13 U	0.44	0.15 U	0.16 J	1.1 U	0.2 U	1.6	0.74	2.2	0.042 U	20	0.79	2.3	0.3	0.7	0.25	0.59 U
	10/07/10	ORIG	6	0.27	0.19 U	0.19 U	1.3	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.9	0.86	2.6	0.045 U	20	0.74	1.9	0.24	0.62	0.22	0.63 U
	10/27/10	ORIG	1.9	0.18 U	0.18 U	0.18 U	0.14	0.13 U	0.4	0.15 U	0.16 U	1.2	0.2 U	1.8	0.88	2.6	0.042 U	14	0.69	4.8	0.17	0.3	0.14 U	0.59 U
	11/30/10	ORIG	24	18 U	18 U	18 U	13 U	14 U	21 U	15 U	16 U	12 U	20 U	19 U	26 U	2.8 J	8.6 U	67	2.4 J	4.1 J	14 U	2.2 J	14 U	12 U
	12/28/10	ORIG	3.9	0.19	0.16 U	0.16 U	0.46	0.17	0.48 J	0.13 U	0.14 U	1 U	0.17 U	1.6	0.85	2.7	0.037 U	13	1.3	3.8	0.48	1.3	0.42	0.52 U
	01/26/11	ORIG	3.5	0.19	0.19 U	0.19 U	0.28	0.2	0.34 J	0.16 U	0.17 U	1.2	0.21 U	1.6	0.62	2.6	0.045 U	19	1.4	4.6	0.63	1.8	0.55	0.63 U
	02/28/11	ORIG	2.4	0.18 U	0.18 U	0.18 U	0.39 J	0.13 J	0.42	0.15 U	0.16 U	2.9	0.2 U	1.7	0.72	2.5	0.042 U	11	1	2.6	0.4	1.2	0.4	0.59 U
	03/30/11	ORIG	4.1	0.24	0.17 U	0.17 U	0.6 J	0.13 U	0.5	0.14 U	0.21	2.1	0.19 U	1.6	1	2.6	0.04 U	20	1.2	7	0.6	1.5	0.48 J	0.57 U
	04/29/11	ORIG	3.4 J	0.35 J	0.15 UJ	0.15 UJ	0.53 J	0.24 J	0.44 J	0.12 UJ	0.19 J	1.8 J	0.16 UJ	2 J	1.1 J	2.9 J	0.034 UJ	26 J	0.73 J	14 J	0.65 J	1.1 J	0.33 J	0.48 UJ
	05/31/11	ORIG	3.7	0.18 U	0.19 U	0.19 U	0.46	0.14 UJ	0.53 J	0.16 U	0.2	1.2 U	0.2 U	1.3	0.96	2.6	0.044 U	14	1	3.2	0.44	1.3	0.45 J	0.62 U
	06/29/11	ORIG	4.3	0.19	0.18 U	0.18 U	0.39	0.14 U	0.48	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.77	2.2	0.043 U	26	0.49	1.6	0.28	0.86	0.31	0.6 U
	07/27/11	ORIG	16	0.74	0.16 U	0.16 U	2.2	0.12 U	1.3 J	0.14 U	0.3	1.9	0.18 UJ	3.2 J	2.6	6.2	0.039 U	28	0.79	2.7	0.44	1.3	0.47	0.55 U
	08/31/11	ORIG	6.1	0.31	0.18 U	0.18 U	0.84	0.14 U	0.61	0.16 U	0.17	1.2 U	0.2 UJ	2.1	1.2	3	0.043 U	17	0.5	1.6	0.22	0.6	0.23	0.61 U
	09/27/11	ORIG	5.6	0.39	0.19 U	0.19 U	5.2	0.14	0.49	0.16 U	0.36	2.4	0.21 U	4.1	1.3	2.5	0.045 U	34	1.7	5.5	1.6	8.1	5	0.63 U
	10/28/11	ORIG	2.4	0.2	0.19 U	0.19 U	0.32	0.16	0.5	0.16 U	0.45	1.3	0.32	1.4	0.75	2.4	0.045 U	110 E	1.9	6.1	0.9	3.4	1.5	0.63 U
	11/30/11	ORIG	3.7	0.36	0.19 U	0.19 U	0.51	0.19	0.46	0.16 U	0.35	1.7	0.24 J	1.6	1.3	2.4	0.044 U	38	2.4	8.3	1.3	4.5	1.6	0.62 U
	03/28/12	ORIG	0.48	0.18 U	0.18 U	0.18 U	0.096	0.14 U	0.81	0.15 U	0.16 U	1.2 UJ	0.2 U	1.4	0.63	2.6	0.043 U	8.5	1.2	3.4	0.52	1.8	0.61 J	0.6 U
	04/30/12	ORIG	0.28	0.18 U	0.18 U	0.18 U	0.2	0.14 U	0.4	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.58	0.17 U	0.043 U	12	0.53	1.2	0.18	0.57	0.22	0.6 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	05/30/12	ORIG	0.27	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.1	0.51	2.2	0.045 U	10	0.39	1.2	0.21	0.68	0.27	0.63 U
	06/27/12	ORIG	0.41	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.37 J	0.16 U	0.17	1.2 U	0.2 U	1.1	0.56	2	0.043 U	13	0.81	2.6	0.42	1.2	0.46	0.61 U
	07/31/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.068 U	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.54	2.4	0.044 U	14	0.49	1.5	0.25	0.74	0.29	0.62 U
	08/30/12	ORIG	0.38	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.55	0.15 U	0.23	1.2 U	0.2 U	1.3	0.55	2.5	0.043 U	18	0.75	2.5	0.45	1.4	0.52	0.6 U
	09/26/12	ORIG	0.35	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.38	0.15 U	0.16 U	1.2 U	0.2 J	0.95	0.4	2	0.043 UJ	14	0.56	1.6	0.28	0.86	0.33	0.6 U
	10/31/12	ORIG	0.61	0.19 U	0.19 U	0.19 U	0.07 U	0.2	0.6	0.16 U	0.29	1.2 U	0.31	1.4	0.53	2.5	0.046 U	23	1.4 J	4.2 J	0.77	2.6	0.97	0.64 U
First Floor Outside Elevator																								
	05/27/10	ORIG	21	1.4	0.2 U	0.2 U	12 J	0.15 U	0.53	0.17 U	0.18 U	1.3 U	0.22 U	2.9	4.8 J	2.7	0.047 U	21	0.64	2	0.29	0.74	0.26	0.66 U
	07/01/10	ORIG	11	0.75	0.19 U	0.19 U	3.9	0.73	0.44	0.16 U	0.36	1.2 U	0.21 U	2.2	1.5	2.7	0.045 U	27	1.6	2.6	0.23	0.47	0.17	0.63 U
	07/28/10	ORIG	5.5	0.47	0.18 U	0.18 U	1.4	0.13 U	0.41	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.71	2.1	0.042 U	14	0.58	2.2	0.65	1.6	0.43	0.59 U
	08/27/10	ORIG	5.1	0.24	0.19 U	0.19 U	0.37	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.62	2.1	0.045 U	15	0.79	2.3	0.31	0.76	0.26	0.63 U
	10/07/10	ORIG	5.5	0.26	0.18 U	0.18 U	1.1	0.14 U	0.46	0.15 U	0.16 U	1.2 U	0.2 U	1.9	0.84	2.6	0.043 U	15	0.61	1.8	0.21	0.53	0.18	0.6 U
	10/07/10	DUP	5.6	0.26	0.17 U	0.17 U	1.3	0.14	0.47	0.14 U	0.15 U	1.1 U	0.19 U	2	1	2.8	0.04 U	14	0.62	1.8	0.21	0.53	0.18	0.57 U
	10/27/10	ORIG	3.7	0.24	0.38	0.15 U	0.51	0.11 U	0.45	0.12 U	0.15	0.94 U	0.16 U	1.9	1.3	2.6	0.035 U	9.7	1.3	3.4	0.49	1.4	0.46	0.49 U
	11/30/10	ORIG	26	14 U	14 U	14 U	10 U	11 U	17 U	12 U	13 U	9.2 U	16 U	15 U	20 U	2.4 J	6.7 U	28	2.5 J	6.4 J	11 U	3.8 J	1.4 J	9.5 U
	12/28/10	ORIG	6.5	0.36	0.15 U	0.15 U	0.91	0.19	0.5 J	0.12 U	0.19	0.93 U	0.16 U	1.6	1	2.7	0.034 U	22	4.2	11	1.3	4.4	1.3	0.48 U
	01/26/11	ORIG	3.8	0.19	0.19 U	0.19 U	0.34	0.2	0.51 J	0.16 U	0.17 J	1.3	0.21 U	1.6	0.7	2.6	0.045 U	23	1.5	4.7	0.65	1.9	0.58	0.63 U
	02/28/11	SPLIT	0.42 J	0.066	0.72	0.11 U	0.04 U	0.49	0.94 J	0.092 U	0.52	1.2	0.33	1.9 J	1 J	0.56 J	0.026 U	24 J	2.3 J	14 J	0.94 J	2.8 J	0.95 J	0.36 U
	02/28/11	ORIG	2.8 J	0.19 U	0.2 U	0.2 U	0.4 J	0.14 U	0.4 J	0.16 U	0.17 U	1.2 U	0.22 U	1.5 J	0.69 J	2.4 J	0.046 U	8.8 J	0.98 J	2.2 J	0.36 J	1 J	0.34 J	0.64 U
	03/30/11	ORIG	4.8	0.26	0.17 U	0.17 U	1 J	0.16	0.49	0.14 U	0.2	1.3	0.19 U	1.6	1.6 J	2.6	0.04 U	20	1.2	4	0.63	1.7	0.52 J	0.56 U
	03/30/11	DUP	4.7	0.26	0.18 U	0.18 U	0.64 J	0.14 U	0.51	0.15 U	0.21	1.4	0.2 U	1.7	1.1 J	2.6	0.043 U	19	1.2	4	0.64	1.8	0.52 J	0.6 U
	04/29/11	ORIG	5.2	0.23	0.18 U	0.18 U	0.74	0.17	0.48	0.15 U	0.16 U	1.1 U	0.19 UJ	2.2	1.5	3	0.041 U	11	0.48	1.5	0.19	0.46	0.14 U	0.58 U
	04/29/11	DUP	5.1	0.23	0.18 U	0.18 U	0.67	0.15	0.47	0.15 U	0.16 U	1.2 U	0.2 UJ	2.2	1.5	3	0.043 U	12	0.48	1.5	0.19	0.43	0.14 U	0.6 U
	05/31/11	ORIG	3.4	0.19 U	0.19 U	0.19 U	0.45	0.14 UJ	0.51 J	0.16 U	0.2	1.2 U	0.21 U	1.2	0.93	2.6	0.045 U	14	1	3.1	0.44	1.4	0.47 J	0.63 U
	06/29/11	ORIG	3.6	0.17 J	0.18 U	0.18 U	0.38	0.13 U	0.49	0.15 U	0.16 U	1.1 U	0.2 UJ	1.2	0.77	2.3	0.042 U	20	0.51	1.8	0.37	0.96	0.4	0.59 U
	07/27/11	ORIG	6.9	0.36	0.15 U	0.15 U	1	0.11 U	0.57	0.13 U	0.15	0.96 U	0.18 J	1.5 J	1.2	2.7	0.036 U	9.9	0.34	1	0.2	0.56	0.21	0.5 U
	08/31/11	ORIG	6	0.3	0.2 U	0.2 U	0.84	0.15 U	0.57	0.17 U	0.18 U	1.3 U	0.22 UJ	2.1	1.2	3.1	0.047 U	14	0.56	1.6	0.27	0.81	0.31	0.66 U
	09/27/11	ORIG	5.4	0.38	0.19 U	0.19 U	4.8	0.14 U	0.45	0.16 U	0.33	2.6 J	0.2 U	3.6	1.2	2.4	0.044 U	34	1.7	5.4	1.7	8.4	5.2	0.62 U
	09/27/11	DUP	5.5	0.37	0.19 U	0.19 U	4.7	0.15	0.44	0.16 U	0.32	2 J	0.21 U	3.5	1.1	2.3	0.045 U	31	1.8	5.6	1.7	8.8	5.4	0.63 U
	10/28/11	ORIG	2.4	0.21	0.19 U	0.19 U	0.32	0.16	0.51	0.16 U	0.47	1.2 U	0.37	1.4	0.78	2.4	0.045 U	84	1.9	6.3	0.93	3.5	1.3	0.63 U
	11/30/11	ORIG	3.9	0.37	0.18 U	0.18 U	0.52	0.18	0.47	0.15 U	0.36	1.7	0.2 UJ	1.5	1.3	2.4	0.043 U	40	2.4	8.4	1.3	4.4	1.6	0.6 U
	03/28/12	ORIG	0.44	0.18 U	0.18 U	0.18 U	0.093	0.14 U	0.69	0.15 U	0.16 U	1.2 UJ	0.2 U	1.3	0.65	2.3	0.043 U	7.9	1.2	3.2	0.51	1.8	0.61 J	0.6 U
	04/30/12	ORIG	0.32	0.18 U	0.19 U	0.19 U	0.22	0.14 U	0.4	0.16 U	0.17 U	1.2 U	0.2 U	1.1	0.51	0.17 U	0.044 U	13	0.54	1.2	0.62	0.21	0.62	
	05/30/12	ORIG	0.41	0.17 U	0.17 U	0.17 U	0.061 U	0.4	0.44	0.14 U	0.15 U	2.8	0.19 U	1.1	0.51	2.2	0.04 U	12	0.42	3.4	1.2	3.6	1.2	0.56 U
	06/27/12	ORIG	0.38	0.17 U	0.18 U	0.18 U	0.064 U	0.13 U	0.37 J	0.15 U	0.18	1.1 U	0.19 U	1.1	0.56	2	0.041 U	12	0.79	2.6	0.42	1.3	0.49	0.58 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	07/31/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.52	2.4	0.045 U	12	0.46	1.5	0.27	0.8	0.31	0.63 U
	08/30/12	ORIG	0.38	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.47	0.16 U	0.22	1.2 U	0.21 U	1.2	0.56	2.5	0.045 U	19	0.77	2.5	0.45	1.4	0.53	0.63 U
	09/26/12	ORIG	0.39	0.18 U	0.18 U	0.18 U	0.065 U	0.16	0.4	0.15 U	0.16 U	1.1 U	0.23	1.1	0.47	2.4	0.042 UJ	17	0.73	1.8	0.3	0.9	0.36	0.59 U
	10/31/12	ORIG	0.62	0.18 U	0.18 U	0.18 U	0.066 U	0.19	0.53	0.15 U	0.29	1.2 U	0.29	1.4	0.53	2.5	0.042 U	22	1.4 J	4.1 J	0.75	2.6	0.96	0.6 U
Middle Office on First Floor																								
	03/31/10	ORIG	490	20	0.48 U	0.48 U	180	0.35 U	0.55 U	0.4 U	0.76	3 U	0.53 U	29	120	2.4	0.11 U	21	0.7 U	1.5	0.38 U	0.76 U	0.38 U	1.6 U
	05/27/10	SPLIT	17 J	1.3	0.11 U	0.11 U	7.7	0.093	0.6	0.092 U	0.12	0.55	0.34	2.1	3	2.4	0.026 U	15	0.66	3.6 J	0.54 J	1.6 J	0.66 J	0.35 U
	05/27/10	ORIG	13 J	1.1	0.19 U	0.19 U	8.4 J	0.14 U	0.54	0.16 U	0.17 U	1.2 U	0.2 U	2.5	3.6 J	2.9	0.044 U	16 J	0.6	1.8 J	0.26 J	0.64 J	0.24 J	0.62 U
	05/27/10	DUP	13	1	0.18 U	0.18 U	8.1 J	0.13	0.54	0.15 U	0.16 U	1.1 U	0.19 U	2.5	3.5 J	2.8	0.041 U	13 J	0.53	1.8	0.27	0.58	0.29	0.58 U
	07/01/10	SPLIT	5.1 J	0.36 J	0.11 U	0.11 U	1.9 J	0.081 U	0.59 J	0.092 U	0.39	0.73	0.19	1.6 J	1.1 J	2.6 J	0.026 U	8.3 J	0.95 J	3.7 J	0.64 J	2.1 J	0.87 J	0.36 U
	07/01/10	ORIG	3.3 J	0.29 J	0.19 U	0.19 U	0.96 J	0.14 U	0.31 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2 J	0.62 J	1.5 J	0.045 U	16 J	0.51 J	1.6 J	0.16 J	0.37 J	0.17 J	0.63 U
	07/28/10	ORIG	4.1	0.41	0.2 U	0.2 U	1.1	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.69	2	0.046 U	15 J	0.58	1.8 J	0.61	1.5	0.42	0.64 U
	07/28/10	DUP	3.7	0.43	0.18 U	0.18 U	0.9	0.14 U	0.4	0.15 U	0.16 U	1.2 U	0.2 U	1.3	0.62	2	0.043 U	24 J	0.61	17 J	0.67	1.6	0.47	0.6 U
	08/27/10	ORIG	4	0.21	0.21 U	0.21 U	0.33	0.16 U	0.37	0.18 U	0.19 U	1.4 U	0.24 U	1.7 J	0.66	2.2	0.05 U	13	0.74	2.2	0.27	0.61	0.19	0.71 U
	08/27/10	DUP	3.9	0.2	0.2 U	0.2 U	0.3	0.15 U	0.37	0.17 U	0.18 U	1.3 U	0.22 U	1.1 J	0.61	2.2	0.048 U	15	0.74	2.2	0.28	0.66	0.21	0.67 U
	10/07/10	ORIG	5.5	0.26	0.18 U	0.18 U	1.1	0.15	0.46	0.15 U	0.23	1.1 U	0.2 U	1.9	0.85	2.7	0.042 U	17	0.62	1.8	0.23	0.53	0.18	0.59 U
	10/27/10	ORIG	2	0.18 U	0.18 U	0.18 U	0.12	0.13 U	0.44	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.86	2.6	0.042 U	14	0.55	1.4	0.2	0.56	0.19	0.59 U
	11/30/10	ORIG	24 J	22 U	22 U	22 U	16 U	16 U	25 U	18 U	20 U	14 U	24 U	23 U	31 U	20 U	10 U	140	2.3 J	6.7 J	17 U	3.2 J	17 U	14 U
	12/28/10	ORIG	6.8	0.43	0.15 U	0.15 U	1	0.13	0.53 J	0.12 U	0.19	1.1	0.16	1.7	1.1	2.8	0.034 U	21	4.7	12	1.6	5.4	1.6	0.48 U
	01/26/11	ORIG	3.4	0.19	0.18 U	0.18 U	0.32	0.18	0.51 J	0.15 U	0.17	1.2	0.19 U	1.3	0.68	2.7	0.041 U	20	1.5	4.6	0.66	1.9	0.57	0.58 U
	02/28/11	ORIG	2.8	0.19 U	0.2 U	0.2 U	0.42 J	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.7	0.73	2.5	0.046 U	9.4	1	2.2	0.36	1	0.36	0.64 U
	03/30/11	ORIG	4.6	0.24	0.18 U	0.18 U	0.53 J	0.15	0.43	0.15 U	0.2	1.3	0.2 U	0.94	1	2.5	0.043 U	14	1.2	3.9	0.65	1.8	0.5 J	0.6 U
	04/29/11	ORIG	5.8	0.25	0.16 U	0.16 U	1.2	0.13	0.47	0.13 U	0.14 J	1 U	0.17 UJ	2.2	1.6	2.9	0.037 U	12	0.48	1.1	0.24	0.6	0.14	0.52 U
Second Floor Office																								
	05/27/10	ORIG	4.3	0.54	0.19 U	0.19 U	2.8 J	0.14 U	0.51	0.16 U	0.17 U	1.2 U	0.2 U	1.9	1.7 J	2.7	0.044 U	20	0.52	1.9	0.24	0.58	0.19	0.62 U
	07/01/10	ORIG	3.2	0.35	0.2 U	0.2 U	1.4	0.15 U	0.39	0.17 U	0.18	1.3 U	0.22 U	1.8	0.9	2.6	0.047 U	38	0.9	2.5	0.22	0.48	0.24	0.66 U
	07/28/10	ORIG	2.5	0.3	0.18 U	0.18 U	0.65	0.13 U	0.38	0.15 U	0.16 U	1.1 U	0.2 U	1.2	0.63	2	0.042 U	15	0.58	1.9	0.43	0.93	0.32	0.59 U
	08/27/10	ORIG	2.4	0.19 U	0.2 U	0.2 U	0.28	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.61	2.1	0.046 U	18	0.82	2.4	0.29	0.69	0.25	0.64 U
	10/07/10	ORIG	4	0.19	0.18 U	0.18 U	1.4	0.13 U	0.46	0.15 U	0.16	1.1 U	0.2 U	1.9	1.2	2.7	0.042 U	16	0.63	2.2	0.24	0.58	0.23	0.59 U
	10/27/10	ORIG	1.7	0.19 U	0.19 U	0.19 U	0.19	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.7	0.92	2.6	0.045 U	11	0.74	1.9	0.28	0.76	0.25	0.63 U
	10/27/10	DUP	1.6	0.19 U	0.19 U	0.19 U	0.19	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.9	2.6	0.045 U	9.5	0.72	2	0.27	0.76	0.25	0.63 U
	11/30/10	ORIG	9 J	0.4	0.15 U	0.15 U	1.7 J	0.11 U	0.31 J	0.13 U	0.14 U	0.98 U	0.17 U	1.1	0.65 J	1.6 J	0.036 U	17 J	0.99 J	2.3 J	0.37 J	1.1 J	0.36	0.51 U
	11/30/10	DUP	14 J	0.61	0.21 U	0.21 U	2.4 J	0.15 U	0.41 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.94 J	2.3 J	0.049 U	43 J	1.3 J	3 J	0.5 J	1.4 J	0.46	0.69 U
	12/28/10	ORIG	5	0.29	0.15 U	0.15 U	0.7	0.2	0.5 J	0.12 U	0.45	0.93 U	0.16 U	1.6	1	2.7	0.034 U	15	2.1	5.6	0.72	2	0.64 J	0.48 U
	12/28/10	DUP	4.6	0.27	0.16 U	0.16 U	0.65	0.14	0.48 J	0.14 U	0.4	1 U	0.18 U	1.6	0.99	2.6	0.038 U	17	2.1	5.7	0.71	2.1	0.82 J	0.54 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	01/26/11	ORIG	3.6	0.21	0.18 U	0.18 U	0.3	0.23	0.5 J	0.15 U	0.33	1.3	0.2 U	1.6	0.71	2.5	0.042 U	20	1.6	5.1	0.66	1.9	0.57	0.59 U
	01/26/11	DUP	3.6	0.21	0.2 U	0.2 U	0.3	0.24	0.5 J	0.16 U	0.32	1.3	0.22 U	1.6	0.72	2.6	0.046 U	20	1.5	4.9	0.66	1.8	0.57	0.64 U
	02/28/11	ORIG	2.4	0.18 U	0.18 U	0.18 U	0.38 J	0.14	0.4	0.15 U	0.25	1.2 U	0.2 U	1.6	0.7	2.4	0.043 U	28 J	1.1	3.2 J	0.44	1.2	0.42	0.6 U
	02/28/11	DUP	2.6	0.17 U	0.17 U	0.17 U	0.42 J	0.13 U	0.46	0.14 U	0.25	1.1 U	0.19 U	1.7	0.73	2.4	0.04 U	10 J	1.1	2.5 J	0.39	1.2	0.41	0.57 U
	03/30/11	ORIG	5.8	0.31	0.18 U	0.18 U	0.78 J	0.17	0.5	0.15 U	0.42	2	0.2 U	1.7	1.2	2.6	0.043 U	19	1.2	4	0.54	1.5	0.46 J	0.6 U
	04/29/11	ORIG	5.4	0.24	0.18 U	0.18 U	0.81	0.13 U	0.49	0.15 U	0.31	1.1 U	0.2 UJ	2.3	1.6	3	0.042 U	12	0.46	1.2	0.16	0.37	0.14 U	0.59 U
Second Floor, Office 16																								
	05/31/11	ORIG	3.8	0.19 U	0.2 U	0.2 U	0.52	0.18 J	0.55 J	0.16 U	1.5 J	1.2 U	0.22 U	1.4	1	2.7	0.046 U	15 J	1 J	3.2 J	0.43 J	1.2 J	0.42 J	0.64 U
	05/31/11	DUP	4.5	0.23	0.15 U	0.15 U	0.58	0.16 J	0.54 J	0.13 U	0.4 J	1.1	0.17 U	1.3	1	2.6	0.036 U	19 J	1.8 J	6.5 J	0.79 J	2.6 J	0.84 J	0.5 U
	06/29/11	ORIG	3.6	0.2	0.16 U	0.16 U	0.42	0.14	0.52	0.14 U	0.21	1 U	0.18 UJ	1.3	0.81	2.4	0.038 U	22	0.59	2.1	0.37	1	0.36	0.53 U
	06/29/11	DUP	3.4	0.18	0.18 U	0.18 U	0.37	0.18	0.5	0.15 U	0.2	1.1 U	0.19 UJ	1.2	0.78	2.4	0.041 U	25	0.56	1.8	0.3	0.85	0.34	0.58 U
	07/27/11	ORIG	5.8	0.3	0.22 U	0.22 U	0.85	0.17 U	0.44	0.19 U	0.23	1.4 U	0.25 UJ	1.3 J	1	2.5	0.053 U	12	0.33	1	0.18	0.53	0.2	0.74 U
	07/27/11	DUP	5.9	0.3	0.2 U	0.2 U	0.88	0.21	0.5	0.16 U	0.23	1.2 U	0.22 UJ	1.4 J	1	2.5	0.046 U	12	0.31	1.1	0.19	0.54	0.21	0.64 U
	08/31/11	ORIG	6.2	0.31	0.21 U	0.21 U	0.91	0.18	0.63	0.18 U	0.28	1.3 U	0.23 UJ	2.1	1.3	3	0.049 U	17	0.5	1.5	0.21	0.55	0.2	0.69 U
	08/31/11	DUP	6.5	0.36	0.19 U	0.19 U	0.94	0.15	0.63	0.16 U	0.28	1.2 U	0.21 UJ	2.2	1.3	3	0.045 U	19	0.5	1.5	0.22	0.58	0.21	0.63 U
	09/27/11	ORIG	5.6	0.38	0.19 U	0.19 U	4.1	0.14	0.46	0.16 U	0.32	2	0.21 U	3.2	1.2	2.4	0.045 U	33	1.8	5.6	1.6	8	5	0.63 U
	10/28/11	ORIG	2.5	0.28	0.19 U	0.19 U	0.36	0.19	0.49	0.16 U	0.39	1.4	0.21 U	1.6	0.77	2.6	0.045 U	50	1.9	9.1 J	1.1 J	4 J	1.5 J	0.63 U
	10/28/11	DUP	2.5	0.22	0.2 U	0.2 U	0.37	0.18	0.5	0.17 U	0.36	1.3 U	0.22 U	1.4	0.79	2.6	0.047 U	46	1.8	6.5 J	0.89 J	3.2 J	1.2 J	0.66 U
	11/30/11	ORIG	4	0.39	0.19 U	0.19 U	0.54	0.18	0.48	0.16 U	0.36	1.6	0.21 UJ	1.5	1.2	2.4	0.045 U	41	2.4 J	8.1	1.3	4.2	1.5	0.63 U
	11/30/11	DUP	3.9	0.36	0.19 U	0.19 U	0.52	0.18	0.46	0.16 U	0.35	1.6	0.21 UJ	1.5	1.2	2.3	0.045 U	39	4.1 J	7.9	1.3	4.2	1.6	0.63 U
	03/28/12	ORIG	0.36	0.18 U	0.19 U	0.19 U	0.084	0.14 U	0.7	0.16 U	0.17 U	1.2 UJ	0.2 U	1.3	0.57	2.5	0.044 U	7.6	1.2	3.1	0.49	1.7	0.58 J	0.62 U
	03/28/12	DUP	0.36	0.19 U	0.19 U	0.19 U	0.093	0.14 U	0.77	0.16 U	0.17 U	1.2 UJ	0.21 U	1.3	0.58	2.4	0.045 U	8.2	1.2	3.1	0.46	1.5	0.68 J	0.63 U
	04/30/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.23 J	0.14 U	0.46 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2 J	0.6	0.17 U	0.045 U	12 J	0.52 J	1.2 J	0.19	0.57 J	0.3	0.63 U
	04/30/12	DUP	0.49	0.18 U	0.19 U	0.19 U	0.43 J	0.21	1 J	0.16 U	0.23	1.3	0.2 U	3.1 J	1	0.17 U	0.044 U	31 J	1.1 J	2.9 J	0.43	1.3 J	0.59	0.62 U
	05/30/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	1.1	0.53	2.2	0.045 U	10	0.4	1.2	0.21	0.57	0.22	0.63 U
	05/30/12	DUP	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.1	0.52	2.2	0.045 U	8.2	0.39	1.2	0.2	0.61	0.23	0.63 U
	06/27/12	ORIG	0.3	0.19 U	0.19 U	0.19 U	0.07 U	0.14 U	0.36 J	0.16 U	0.17 U	1.2 U	0.21 U	1.1	0.54	2	0.045 U	12	0.81	5.4	0.95	3.1	1	0.63 U
	07/31/12	ORIG	0.24 U	0.19	0.19 U	0.19 U	0.069 U	0.14 U	0.48	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.51	2.3	0.045 U	16	0.43 J	1.5	0.26	0.79	0.3	0.63 U
	08/30/12	ORIG	0.32	0.18 U	0.18 U	0.18 U	0.067 U	0.14 U	0.51	0.15 U	0.22	1.2	0.2 U	1.2	0.53	2.4	0.043 U	21	0.73	20	1	7.4	3.8	0.6 U
	09/26/12	ORIG	0.49	0.18 U	0.19 U	0.19 U	0.068 U	0.21	0.6	0.16 U	0.17 U	1.2 U	0.3	1.4	0.54	3	0.044 UJ	20	0.58	1.8	0.29	0.97	0.38	0.62 U
	09/26/12	DUP	0.5	0.18 U	0.18 U	0.18 U	0.065 U	0.18	0.47	0.15 U	0.17	1.1 U	0.22	1.3	0.54	2.7	0.042 UJ	20	0.62	1.9	0.29	0.91	0.35	0.59 U
	10/31/12	ORIG	0.53	0.18 U	0.18 U	0.18 U	0.065 U	0.2	0.53	0.15 U	0.28	1.3	0.23	1.4	0.51	2.6	0.042 U	22 J	1.4 J	4.2	0.76	2.5	0.95	0.59 U
	10/31/12	DUP	0.52	0.18 U	0.19 U	0.19 U	0.068 U	0.25	0.54	0.16 U	0.31	1.2 U	0.24	1.5	0.54	2.8	0.044 U	27 J	2 J	4.5	0.77	2.6	0.98	0.62 U
Second Floor, Office 17																								
	05/31/11	ORIG	3.8	0.19 U	0.19 U	0.19 U	0.53	0.14 UJ	0.46 J	0.16 U	0.28	1.2 U	0.21 U	1.3	1	2.7	0.045 U	15	1	3.2	0.42	1.2	0.43 J	0.63 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	06/29/11	ORIG	3.6	0.19	0.18 U	0.18 U	0.4	0.14 U	0.54	0.15 U	0.22	1.2 U	0.2 UJ	1.3	0.83	2.4	0.043 U	19	0.54	1.7	0.29	0.87	0.32	0.6 U
	07/27/11	ORIG	6.8	0.36	0.16 U	0.16 U	1	0.12 U	0.52	0.14 U	0.26	1 U	0.18 UJ	1.4 J	1.2	2.5	0.038 U	15	0.3	1	0.18	0.52	0.18	0.54 U
	08/31/11	ORIG	6.1	0.35	0.2 U	0.2 U	0.92	0.15 U	0.59	0.17 U	0.28	1.3 U	0.22 UJ	2.1	1.2	3	0.048 U	17	0.51	1.5	0.21	0.55	0.2	0.67 U
	09/27/11	ORIG	5.6	0.39	0.19 U	0.19 U	4.1	0.14 U	0.44	0.16 U	0.32	2	0.21 U	3.2	1.2	2.4	0.045 U	32	1.7	5.5	1.6	7.9	4.9	0.63 U
	10/28/11	ORIG	2.5	0.23	0.2 U	0.2 U	0.37	0.15	0.53	0.17 U	0.41	1.3 U	0.22 U	1.5	0.81	2.6	0.047 U	50	1.9	6.9	1	3.8	1.4	0.66 U
	11/30/11	ORIG	4	0.37	0.19 U	0.19 U	0.54	0.18	0.48	0.16 U	0.36	1.6	0.21 UJ	1.5	1.2	2.4	0.045 U	39	2.4	8	1.2	4.1	1.5	0.63 U
	03/28/12	ORIG	0.36	0.18 U	0.19 U	0.19 U	0.084	0.14 U	0.69	0.16 U	0.17 U	1.2 UJ	0.2 U	1.3	0.64	2.4	0.044 U	8.8	1.1	3.1	0.49	1.6	0.57 J	0.62 U
	04/30/12	ORIG	0.23 U	0.18 U	0.19 U	0.19 U	0.2	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.2 U	1.2	0.56	0.17 U	0.044 U	13	0.51	1.1	0.19	0.55	0.29	0.62 U
	05/30/12	ORIG	0.24 U	0.19 U	0.19 U	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.1	0.52	2.2	0.045 U	9.2	0.39	1.2	0.2	0.6	0.23	0.63 U
	06/27/12	ORIG	0.29	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.38 J	0.16 U	0.19	1.2 U	0.22 U	1.1	0.55	2	0.046 U	16	0.84	3	0.46	1.5	0.53	0.64 U
	07/31/12	ORIG	0.25	0.19 U	0.2 U	0.2 U	0.071 U	0.14 U	0.51	0.16 U	0.17 U	1.2 U	0.22 U	1.2	0.51	2.3	0.046 U	12	0.44 J	1.5	0.26	0.8	0.31	0.64 U
	08/30/12	ORIG	0.28	0.2 U	0.2 U	0.2 U	0.072 U	0.15 U	0.44	0.17 U	0.22	1.3 U	0.22 U	1.2	0.54	2.4	0.047 U	21	0.7	2.4	0.43	1.2	0.49	0.66 U
	09/26/12	ORIG	0.46	0.29	0.19 U	0.19 U	0.069 U	0.2	0.46	0.16 U	0.18	1.2 U	0.29	1.3	0.52	2.7	0.045 UJ	24	0.65	1.9	0.3	0.95	0.37	0.63 U
	10/31/12	ORIG	0.51	0.17 U	0.18 U	0.18 U	0.064 U	0.19	0.57	0.15 U	0.28	1.1	0.27	1.4	0.53	2.4	0.041 U	27	1.4 J	4.2 J	0.78	2.7	1	0.58 U

Notes:

Concentrations are reported in micrograms per cubic meter (ug/m³)

Concentrations for EPA samples are reported in ug/m³, which were calculated from ppb (v/v) results and then rounded to the appropriate number of significant figures.

Only compounds detected in one or more air samples more than once are shown.

VOCs analyzed by EPA Method TO-15 SIM.

U = Not detected at a concentration greater than the reporting limit shown.

J = Detected at an estimated concentration between the laboratory reporting and method detection limits, or estimated result due to field or laboratory quality control issues

E = Estimated concentration - exceeds upper calibration range of instrument.

-- = Analyte not reported.

PCE = Tetrachloroethene; TCE = Trichloroethene; TCA = Trichloroethane; DCE = Dichloroethene; CTC = Carbon tetrachloride; CBN = Chlorobenzene; CFM = Chloroform; MC = Methylene chloride; DCB = Dichlorobenzene; Freon 11 = Trichlorofluoromethane; Freon 113 = 1,1,2-Trichloro-1,2,2-trifluoroethane; Freon 12 = Dichlorodifluoromethane; VC = Vinyl chloride; MTBE = Methyl tert-butyl ether.

Sample Type:

ORIG = Original sample

DUP = Duplicate sample

SPLIT = Split sample - analyzed by different laboratory than primary sample.

EPA = Sample collected by EPA

Table 2**Indoor Air Sampling Results - October 31, 2012**

Regional Occupational Program (ROP) - 12519 East Washington Blvd.

Samples ROP1 through ROP5 and ROP1 Split (Calscience Environmental Laboratories)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations						Health Protective Screening Criteria			
	Indoor Building (ug/m ³)			Outdoor Air ³			Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴		ug/m ³		ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.11	U	0.20	U	0.19	U	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.14	U	0.24	U	0.24	U	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.54		0.58		0.54		130,000	nc	--	--
1,1,2-Trichloroethane	0.11	U	0.20	U	0.19	U	0.77	ca	--	--
1,1-Dichloroethane	0.081	U	0.14	U	0.14	U	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.065		0.10		0.16		880	nc	79	nc
1,2-Dichlorobenzene	0.12	U	0.22	U	0.21	U	880	nc	--	--
1,2-Dichloroethane	0.10		0.10		0.14	U	0.47	ca	--	--
1,4-Dichlorobenzene	0.17		0.25		0.21	U	1.1	ca	1,200	nc
Acetone	23		33		22		140,000	nc	31,000	nc
Benzene	1.5	J	1.7		1.4		1.6	ca	19	nc
Carbon Tetrachloride	0.50		0.63		0.53		2.0	ca	190	nc
Chlorobenzene	0.092	U	0.16	U	0.16	U	220	nc	--	--
Chloroform	0.26		0.34		0.26		0.53	ca	240	nc
cis-1,2-Dichloroethene	0.079	U	0.14	U	0.14	U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	2.1		2.6		2.6		440	nc	--	--
Ethylbenzene	0.65		1.0	J	0.73		4.9	ca	3,000	nc
m,p-Xylenes	2.0		3.1		2.3		440	nc	2,600	nc
Methyl tert-butyl ether	0.36	U	0.64	U	0.63	U	47	ca	2,500	nc
Methylene Chloride	1.2	U	1.4		2.7		1,200	ca	1,000	nc
o-Xylene	0.71		1.3	J	0.88		440	nc	2,600	nc
Tetrachloroethene (PCE)	0.38		0.67		0.29		47	ca	--	--
Toluene	4.2	J	5.2	J	3.8		22,000	nc	--	--
trans-1,2-Dichloroethene	0.40	U	0.71	U	0.69	U	260	nc	800	nc
trans-1,3-Dichloropropene	0.091	U	0.16	U	0.16	U	3.1	ca	36	nc
Trichloroethene (TCE)	0.18	U	0.43		0.19	U	3.0	ca	540	nc
Trichlorofluoromethane (Freon 11)	1.3		1.4		1.4		3,100	nc	--	--
Vinyl chloride	0.026	U	0.046	U	0.045	U	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed.

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** EPA's acceptable risk range is 1 in 10,000 to 1 in 1,000,000 lifetime cancer risk. These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2012]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) (December 2009). Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:³ Maximum concentration detected at Ambient Air Sample AA8⁴ Maximum detected concentration.

Table 3**Indoor Air Sampling Results - October 31, 2012**

Women and Children's Crisis Shelter - 12519 East Washington Blvd.

Samples WCCS2 through WCCS4; WCCS6, WCCS7 (and WCCS7 Duplicate)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations					Health Protective Screening Criteria			
	Indoor Building (ug/m ³)		Outdoor Air ³		ug/m ³	Long-Term Exposure ¹	Short Term Exposure ²		
	minimum	maximum ⁴	ug/m ³	ug/m ³			ug/m ³	Key	ug/m ³
1,1,1-Trichloroethane (1,1,1-TCA)	0.18	U	0.19	U	0.19	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.22	U	0.24	U	0.24	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.51		0.54		0.54	130,000	nc	--	--
1,1,2-Trichloroethane	0.18	U	0.19	U	0.19	0.77	ca	--	--
1,1-Dichloroethane	0.13	U	0.14	U	0.14	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.064	U	0.070	U	0.16	880	nc	79	nc
1,2-Dichlorobenzene	0.19	U	0.21	U	0.21	880	nc	--	--
1,2-Dichloroethane	0.19		0.25		0.14	0.47	ca	--	--
1,4-Dichlorobenzene	0.23		0.31		0.21	1.1	ca	1,200	nc
Acetone	22	J	27	J	22	140,000	nc	31,000	nc
Benzene	1.4	J	2.0	J	1.4	1.6	ca	19	nc
Carbon Tetrachloride	0.53		0.60		0.53	2.0	ca	190	nc
Chlorobenzene	0.15	U	0.16	U	0.16	220	nc	--	--
Chloroform	0.28		0.31		0.26	0.53	ca	240	nc
cis-1,2-Dichloroethene	0.13	U	0.14	U	0.14	--	--	--	--
Dichlorodifluoromethane (Freon 12)	2.4		2.8		2.6	440	nc	--	--
Ethylbenzene	0.75		0.78		0.73	4.9	ca	3,000	nc
m,p-Xylenes	2.5		2.7		2.3	440	nc	2,600	nc
Methyl tert-butyl ether	0.58	U	0.64	U	0.63	47	ca	2,500	nc
Methylene Chloride	1.1		1.3		2.7	1,200	ca	1,000	nc
o-Xylene	0.95		1.0		0.88	440	nc	2,600	nc
Tetrachloroethene (PCE)	0.51		0.63		0.29	47	ca	--	--
Toluene	4.1	J	4.5		3.8	22,000	nc	--	--
trans-1,2-Dichloroethene	0.64	U	0.70	U	0.69	260	nc	800	nc
trans-1,3-Dichloropropene	0.15	U	0.16	U	0.16	3.1	ca	36	nc
Trichloroethene (TCE)	0.17	U	0.19	U	0.19	3.0	ca	540	nc
Trichlorofluoromethane (Freon 11)	1.4		1.5		1.4	3,100	nc	--	--
Vinyl chloride	0.041	U	0.046	U	0.045	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** EPA's acceptable risk range is 1 in 10,000 to 1 in 1,000,000 lifetime cancer risk. These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2012]). Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:³ Maximum concentration detected at Ambient Air Sample AA8⁴ Maximum detected concentration.

Table 4**Indoor Air Sampling Results - October 31, 2012**

Fred R. Rippy - 12471 E. Washington Blvd.

Samples FRR1 through FRR3 (and FRR1 Duplicate)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations				Health Protective Screening Criteria			
	Indoor Building (ug/m ³)		Outdoor Air ³		Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴	ug/m ³	ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.17	U	0.18	U	0.19	U	22,000	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.22	U	0.23	U	0.24	U	0.21	ca
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.48		0.55		0.54		130,000	nc
1,1,2-Trichloroethane	0.17	U	0.18	U	0.19	U	0.77	ca
1,1-Dichloroethane	0.13	U	0.13	U	0.14	U	7.7	ca
1,1-Dichloroethene (1,1-DCE)	0.062	U	0.066	U	0.16		880	nc
1,2-Dichlorobenzene	0.19	U	0.20	U	0.21	U	880	nc
1,2-Dichloroethane	0.13	J	0.25		0.14	U	0.47	ca
1,4-Dichlorobenzene	0.19	U	1.2		0.21	U	1.1	ca
Acetone	23		27		22		140,000	nc
Benzene	1.2	J	1.6	J	1.4		1.6	ca
Carbon Tetrachloride	0.50		0.62		0.53		2.0	ca
Chlorobenzene	0.14	U	0.15	U	0.16	U	220	nc
Chloroform	0.24		0.29		0.26		0.53	ca
cis-1,2-Dichloroethene	0.12	U	0.13	U	0.14	U	--	--
Dichlorodifluoromethane (Freon 12)	2.3		2.6		2.6		440	nc
Ethylbenzene	0.71		0.96		0.73		4.9	ca
m,p-Xylenes	2.4		3.0		2.3		440	nc
Methyl tert-butyl ether	0.57	U	0.60	U	0.63	U	47	ca
Methylene Chloride	1.2	U	2.6		2.7		1,200	ca
o-Xylene	0.92		1.1		0.88		440	nc
Tetrachloroethene (PCE)	0.34		0.38		0.29		47	ca
Toluene	4.2	J	4.7	J	3.8		22,000	nc
trans-1,2-Dichloroethene	0.62	U	0.66	U	0.69	U	260	nc
trans-1,3-Dichloropropene	0.14	U	0.15	U	0.16	U	3.1	ca
Trichloroethene (TCE)	0.18	U	0.24		0.19	U	3.0	ca
Trichlorofluoromethane (Freon 11)	1.2		1.5		1.4		3,100	nc
Vinyl chloride	0.040	U	0.042	U	0.045	U	2.8	ca
							77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed.

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** EPA's acceptable risk range is 1 in 10,000 to 1 in 1,000,000 lifetime cancer risk. These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2012]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:³ Maximum concentration detected at Ambient Air Sample AA8⁴ Maximum detected concentration.

Table 5**Indoor Air Sampling Results - October 31, 2012**

Tomacico - 12533 East Washington Blvd.

Samples TOM1 through TOM3 and TOM1 Split (Calscience Environmental Laboratories)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations					Health Protective Screening Criteria				
	Indoor Building (ug/m ³)		Outdoor Air ³		ug/m ³	Long-Term Exposure ¹		Short Term Exposure ²		
	minimum	maximum ⁴	ug/m ³	ug/m ³		ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.11	U	0.19	U	0.19	U	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.14	U	0.24	U	0.24	U	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.59		0.76		0.56		130,000	nc	--	--
1,1,2-Trichloroethane	0.11	U	0.19	U	0.19	U	0.77	ca	--	--
1,1-Dichloroethane	0.081	U	0.14	U	0.14	U	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.048		0.081		0.070	U	880	nc	79	nc
1,2-Dichlorobenzene	0.12	U	0.21	U	0.21	U	880	nc	--	--
1,2-Dichloroethane	0.14	J	0.29		0.14	U	0.47	ca	--	--
1,4-Dichlorobenzene	0.20	U	0.54		0.21	U	1.1	ca	1,200	nc
Acetone	45		52		25		140,000	nc	31,000	nc
Benzene	1.4	J	1.9		3.4		1.6	ca	19	nc
Carbon Tetrachloride	0.50		0.62		0.61		2.0	ca	190	nc
Chlorobenzene	0.092	U	0.16	U	0.16	U	220	nc	--	--
Chloroform	0.57		2.6		0.17	U	0.53	ca	240	nc
cis-1,2-Dichloroethene	0.079	U	0.14	U	0.14	U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	2.5		2.9		2.6		440	nc	--	--
Ethylbenzene	0.85		2.2	J	2.0		4.9	ca	3,000	nc
m,p-Xylenes	2.7		4.6	J	6.9		440	nc	2,600	nc
Methyl tert-butyl ether	0.36	U	0.63	U	0.64	U	47	ca	2,500	nc
Methylene Chloride	1.4		1.8		1.5		26	ca	1,000	nc
o-Xylene	1.0		1.9	J	2.5		440	nc	2,600	nc
Tetrachloroethene (PCE)	0.40		0.57		0.33		47	ca	--	--
Toluene	5.9		8.7		14		22,000	nc	--	--
trans-1,2-Dichloroethene	0.40	U	0.69	U	0.70	U	260	nc	800	nc
trans-1,3-Dichloropropene	0.091	U	0.16	U	0.16	U	3.1	ca	36	nc
Trichloroethene (TCE)	0.11		0.11		0.19	U	3.0	ca	540	nc
Trichlorofluoromethane (Freon 11)	1.5		2.2		1.4		440	nc	--	--
Vinyl chloride	0.026	U	0.045	U	0.046	U	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** EPA's acceptable risk range is 1 in 10,000 to 1 in 1,000,000 lifetime cancer risk. These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [November 2011]). Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

EPA Industrial Air RSL shown in parenthesis is pending and anticipated to be posted to the Regional Screening Levels website in Spring 2012.

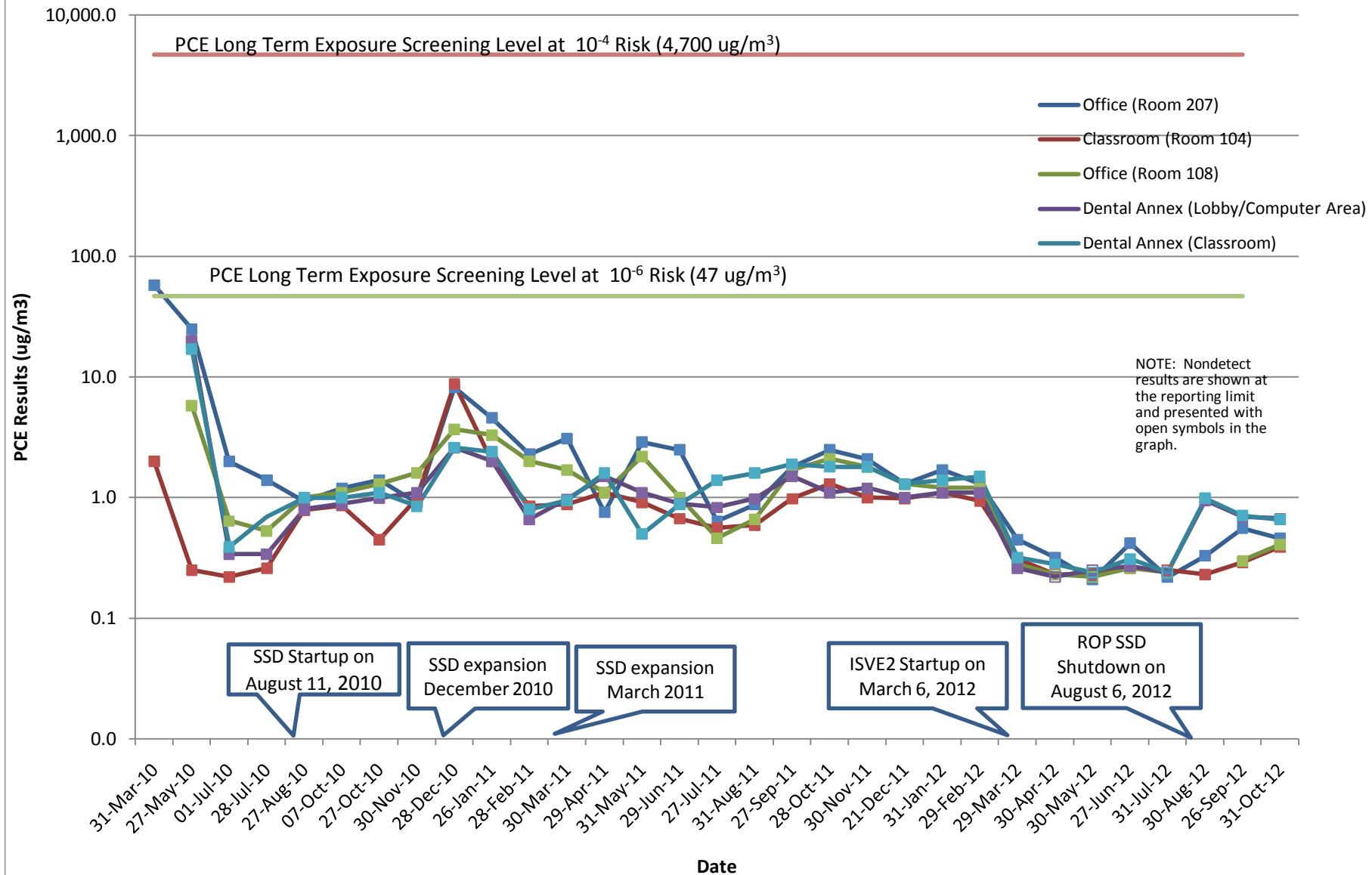
- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk

Sources:³ Ambient Air Sample AA1⁴ Maximum detected concentration.

Attachment C: Graphs of TCE and PCE Concentrations

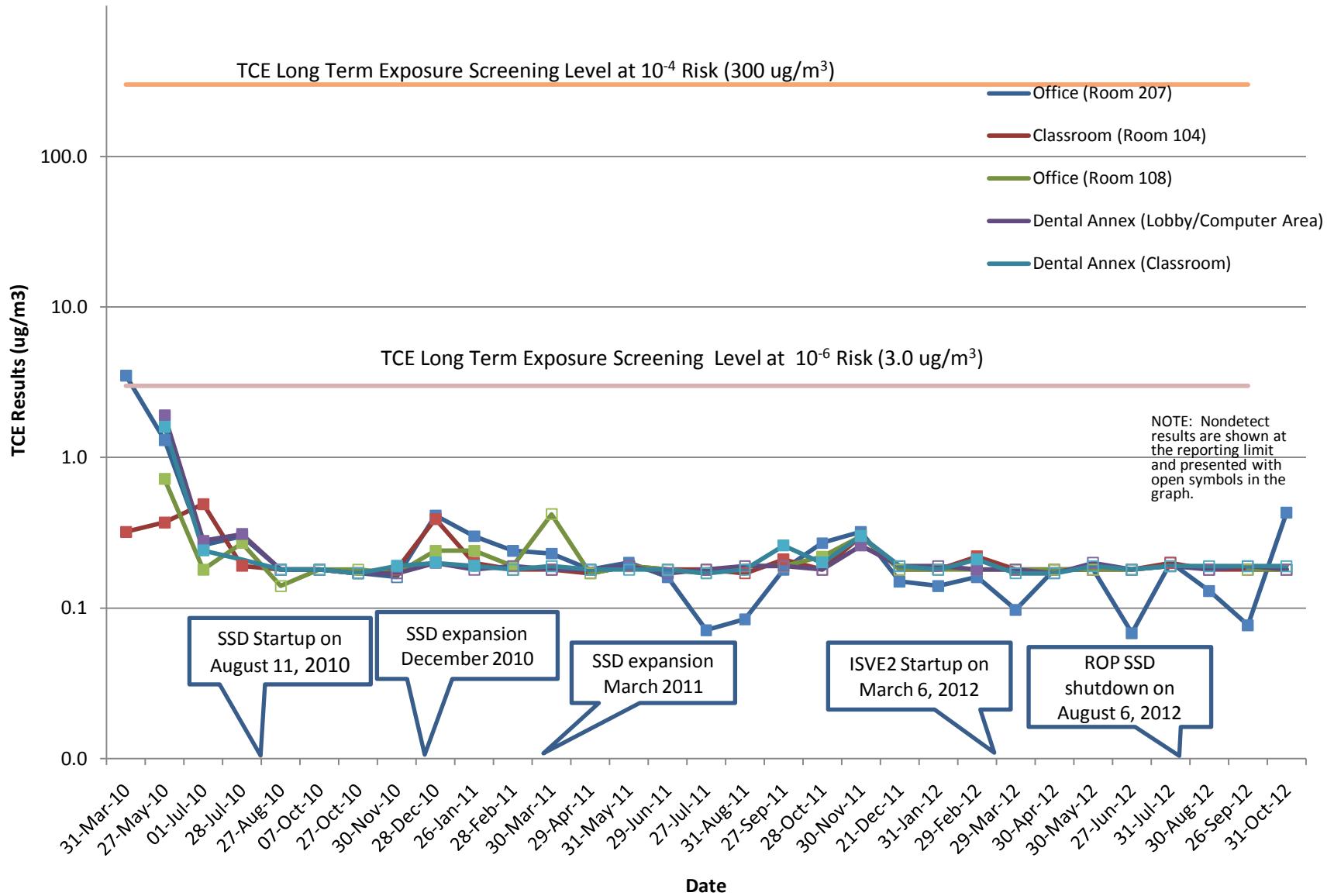
Tetrachloroethene (PCE) Results

Regional Occupational Program Building



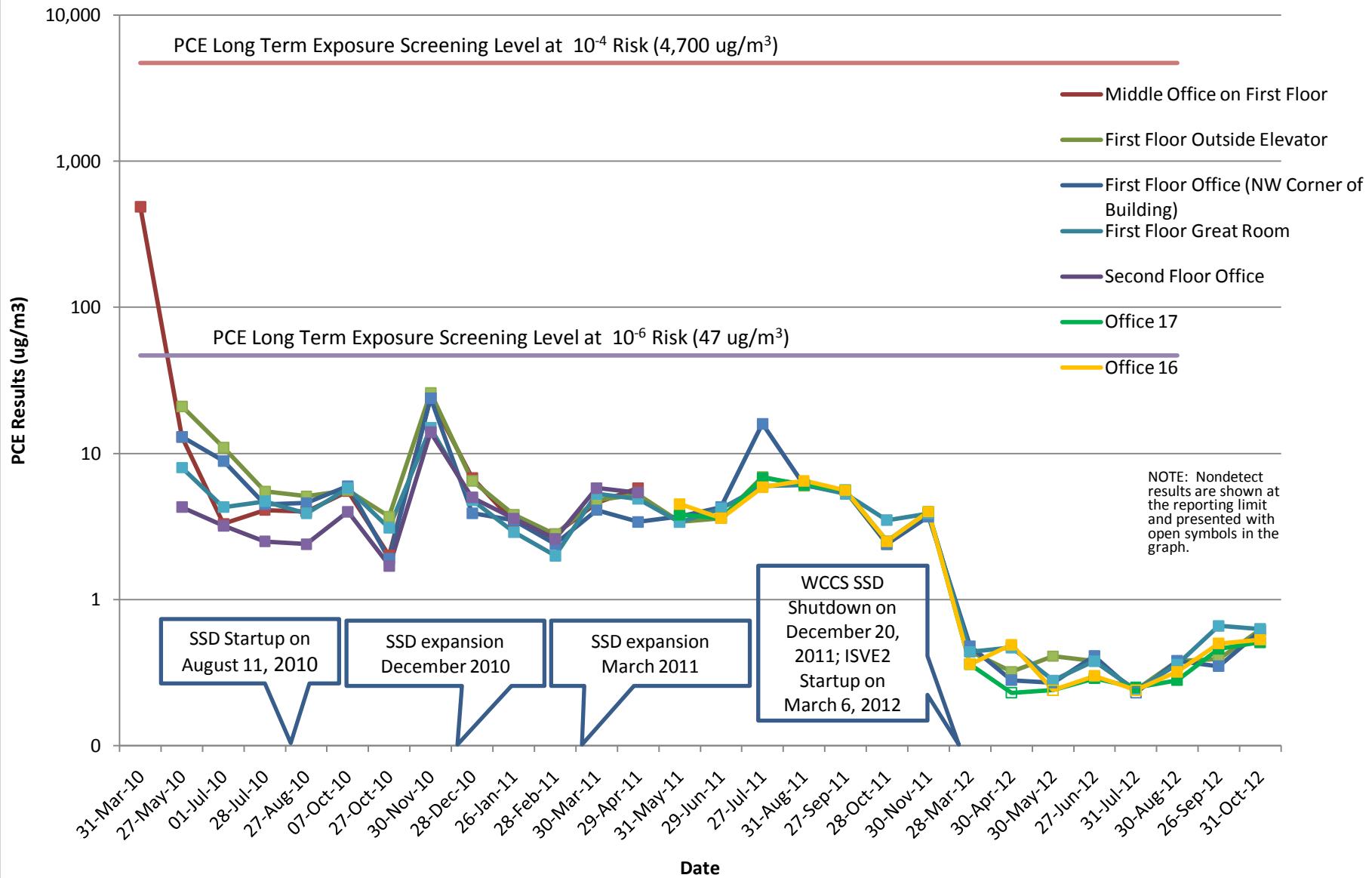
Trichloroethene (TCE) Results

Regional Occupational Program Building



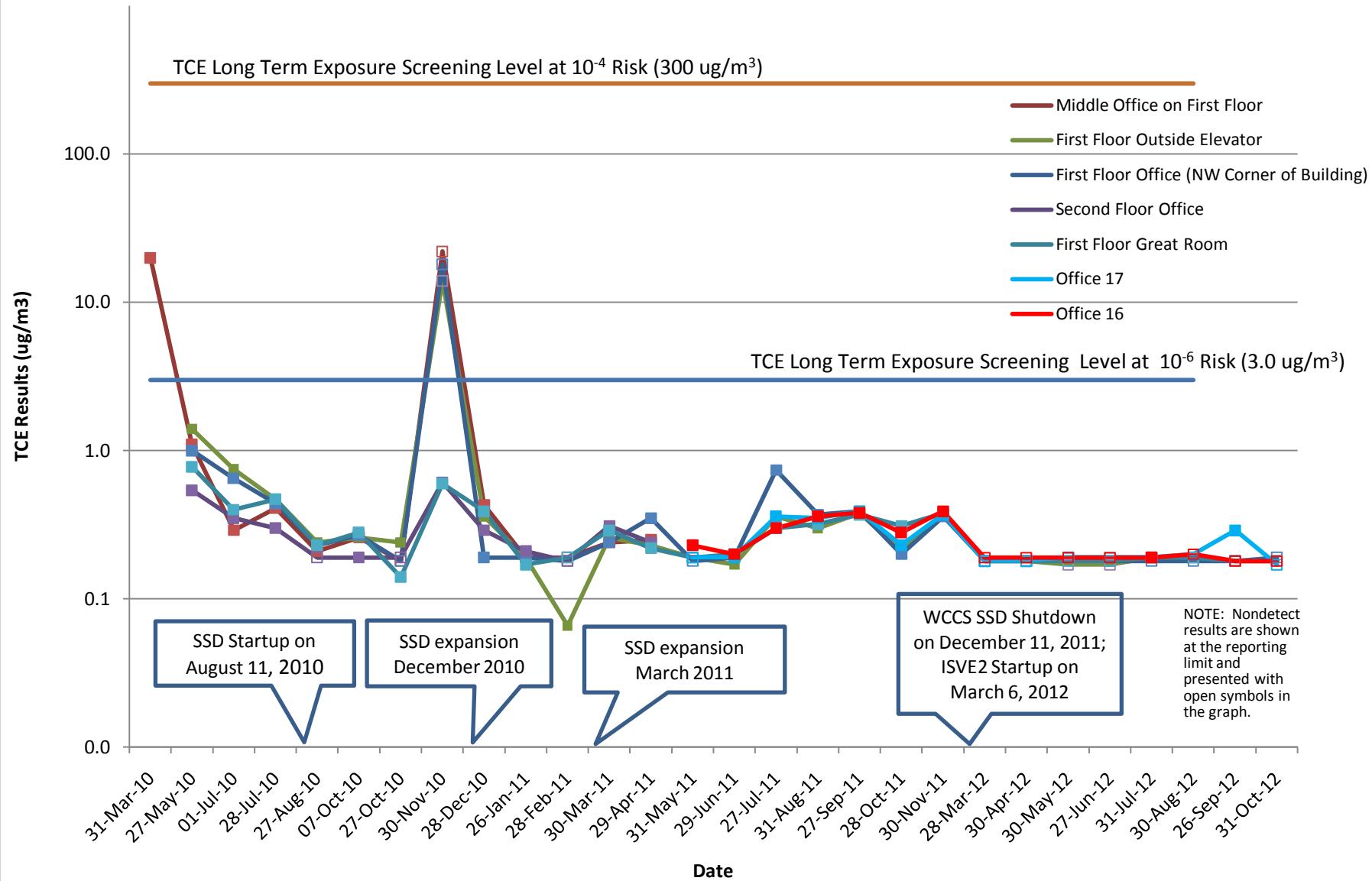
Tetrachloroethylene (PCE) Results

Women's and Children's Crisis Shelter Building



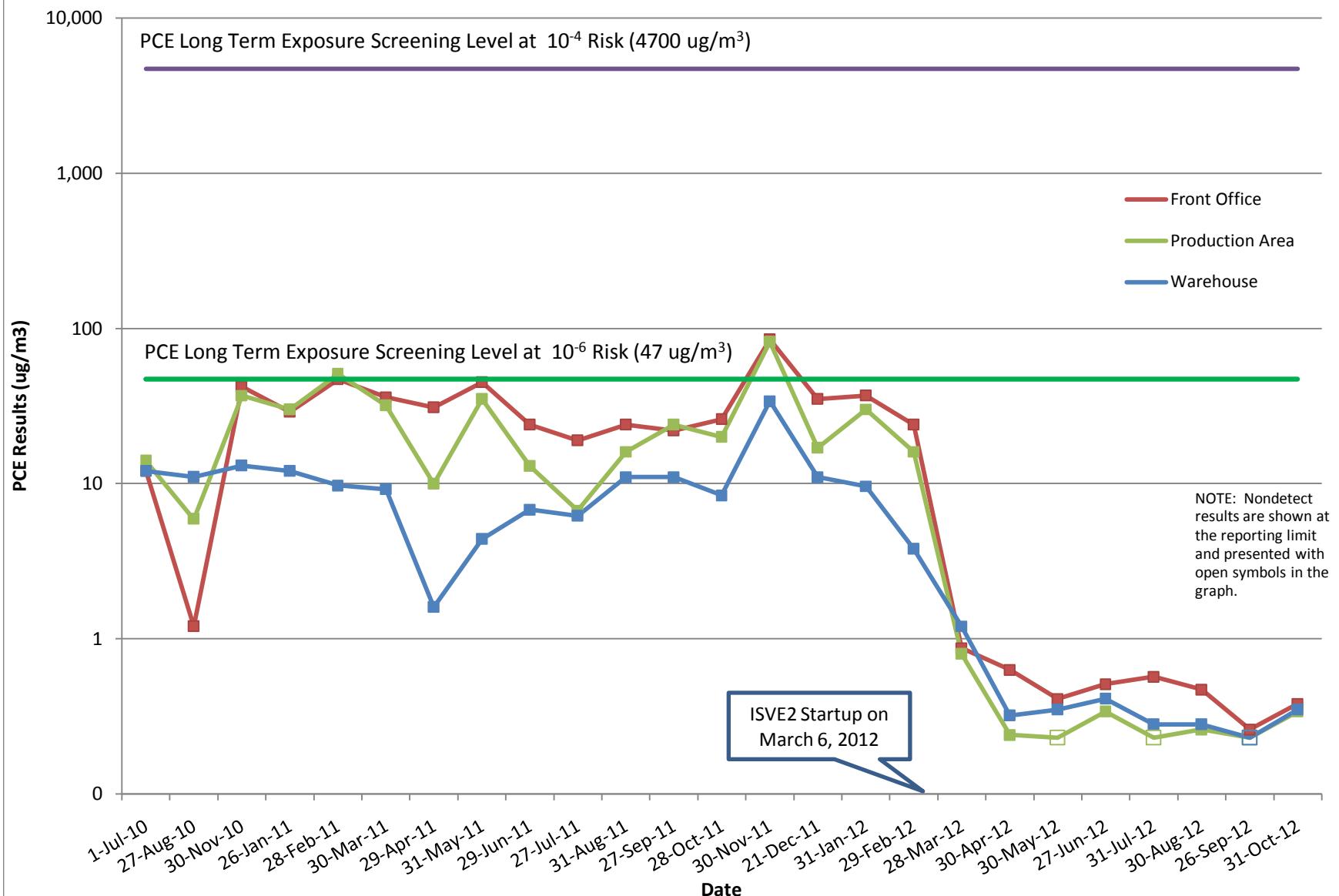
Trichloroethene (TCE) Results

Women's and Children's Crisis Shelter Building



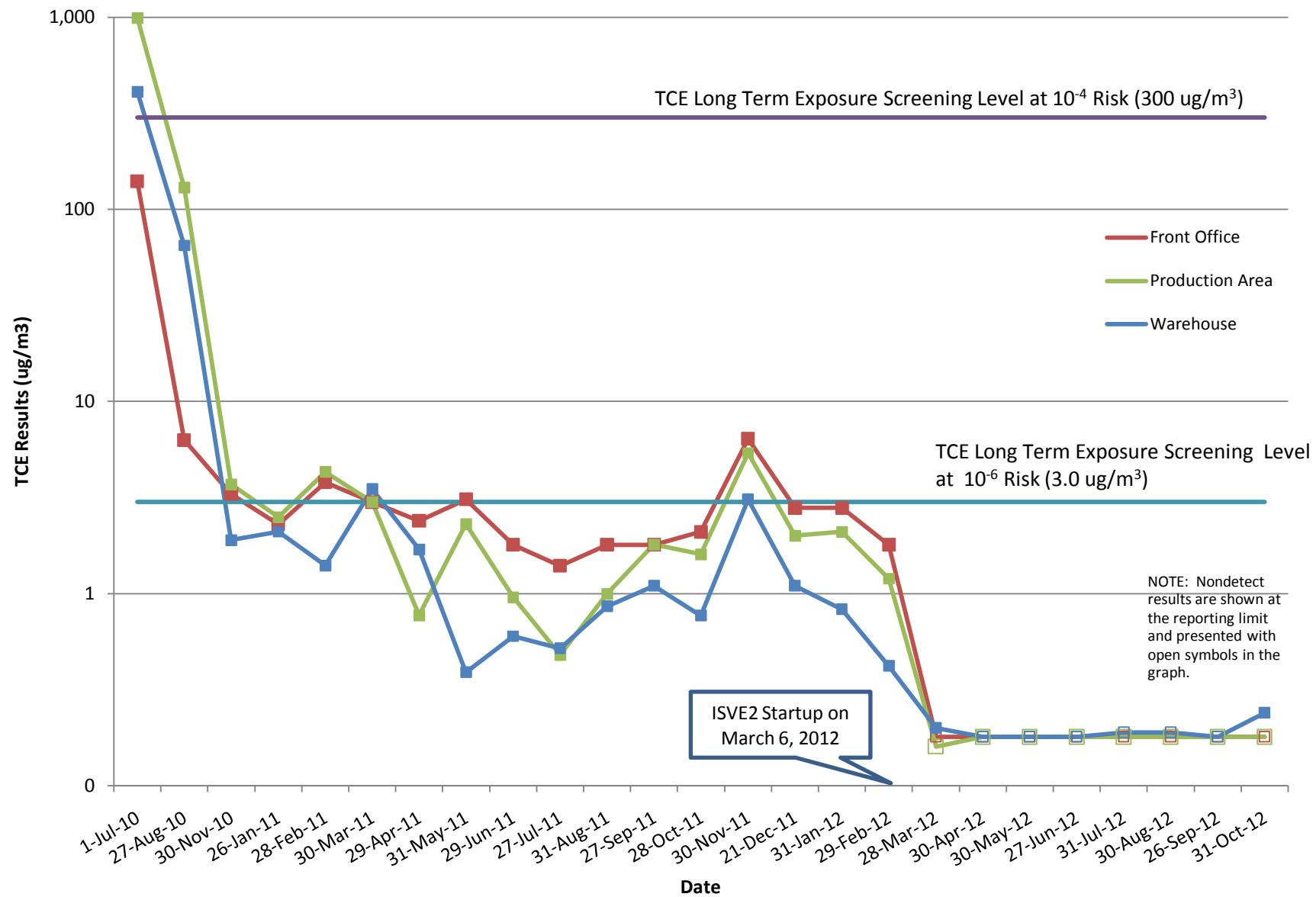
Tetrachloroethene (PCE) Results

Fred R. Rippy Building

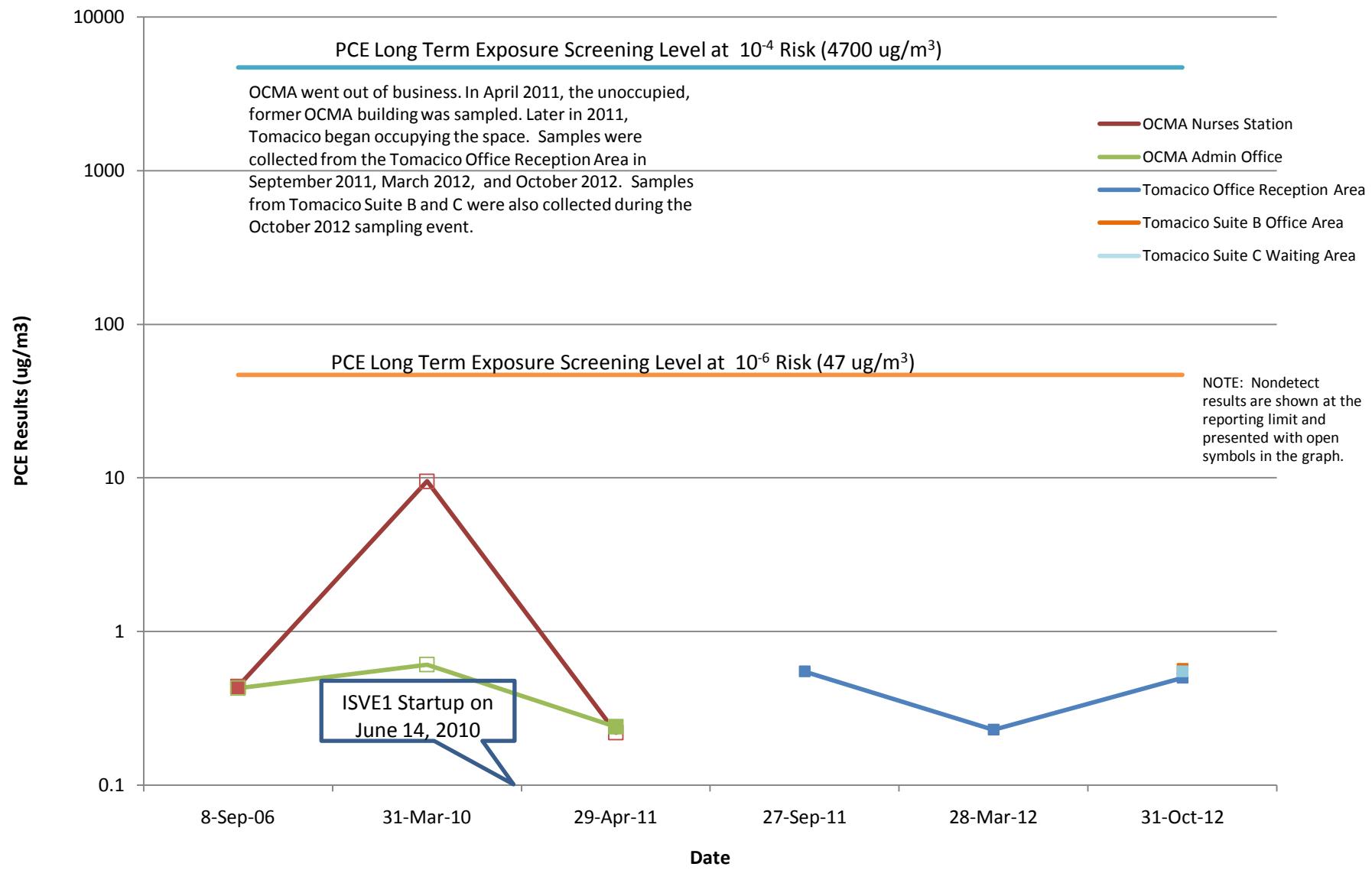


Trichloroethene (TCE) Results

Fred R. Rippy Building

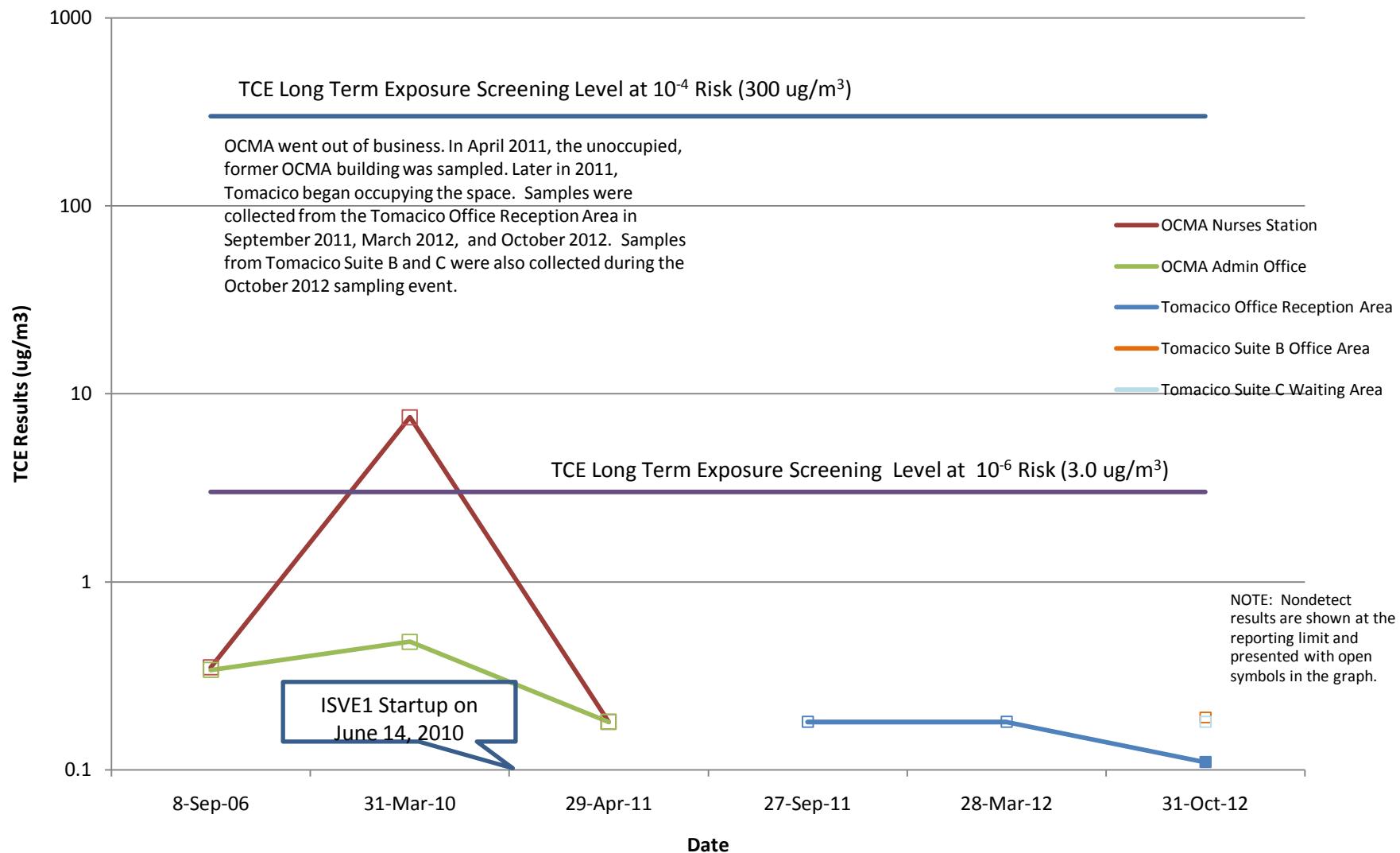


Tetrachloroethene (PCE) Results Tomacico Building



Trichloroethene (TCE) Results

Tomacico Building



Attachment D: Laboratory Reports and Data Validation Memo

DATA VALIDATION REPORT

Project: Omega Chemical Superfund Site
Air Monitoring - October 2012

References: USEPA CLP National Functional Guidelines for Superfund Organic Data Review June 2008 (EPA540/R-08/01)

Compendium Method TO-15
Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)
January 1999

Eurofins Air Toxics, Inc. Limited Methods Manual, Method TO-14A/TO-15

Omega Chemical Superfund Site
Removal Action Work Plan, Appendix B (QAPP)
August 19, 2010

Reviewer: Elizabeth Fortuna
CDM Smith - Irvine, California

Date: November 14, 2012

Analytical Laboratory: Eurofins Air Toxics, Inc. (Eurofins Air Toxics)
Folsom, California

Laboratory Report Number: 1211055
1211056

DATA REVIEW

Twenty (20) air samples (including two field duplicate) were collected on October 31, 2012, and shipped via overnight delivery service to Eurofins Air Toxics. Two additional samples were collected as split samples and sent to a second laboratory (Calscience). It should be noted however, that the data collected from the split analyses were used to assess precision between laboratories and were not formally validated. The 22 samples (see Table 1 below for sample list) were analyzed for volatile organic compounds (VOCs) by Method TO-15 with Selective Ion Monitoring (SIM) and full scan. The samples were also analyzed for VOCs by full scan for acetone and methylene chloride. EPA's Functional Guidelines were used to assist in the process of the technical review of the data; however, QC criteria specified in the analytical method, Eurofins Air Toxics' Methods Manual, and the Omega Removal Action Work Plan, Appendix B (QAPP) were used as the basis for acceptance or data

qualification. Sample identification and collection dates are summarized in the following table.

Table 1- Summary of Analysis

<i>Sample ID</i>	<i>Lab Sample ID</i>	<i>Sample Type</i>	<i>Date Collected</i>	<i>Date Analyzed</i>
IAQ-FRR1-103112	1211055-01	Air	31-Oct-12	6-Nov-12
IAQ-FRR1-103112-K	1211055-02	DUP	31-Oct-12	6-Nov-12
IAQ-FRR2-103112	1211055-03	Air	31-Oct-12	6-Nov-12
IAQ-FRR3-103112	1211055-04	Air	31-Oct-12	6-Nov-12
IAQ-ROP1-103112	1211055-05	Air	31-Oct-12	6-Nov-12
IAQ-ROP2-103112	1211055-06	Air	31-Oct-12	6-Nov-12
IAQ-ROP3-103112	1211055-07	Air	31-Oct-12	6-Nov-12
IAQ-ROP4-103112	1211055-08	Air	31-Oct-12	6-Nov-12
IAQ-ROP5-103112	1211055-09	Air	31-Oct-12	6-Nov-12
IAQ-WCCS2-103112	1211055-10	Air	31-Oct-12	6-Nov-12
IAQ-WCCS3-103112	1211056-01	Air	31-Oct-12	7-Nov-12
IAQ-WCCS4-103112	1211056-02	Air	31-Oct-12	7-Nov-12
IAQ-WCCS6-103112	1211056-03	Air	31-Oct-12	7-Nov-12
IAQ-WCCS7-103112	1211056-04	Air	31-Oct-12	7-Nov-12
IAQ-AA1-103112	1211056-05	AA	31-Oct-12	7-Nov-12
IAQ-AA8-103112	1211056-06	AA	31-Oct-12	7-Nov-12
IAQ-TOM1-103112	1211056-07	Air	31-Oct-12	7-Nov-12
IAQ-WCCS7-103112-K	1211056-08	DUP	31-Oct-12	7-Nov-12
IAQ-TOM2-103112	1211056-09	Air	31-Oct-12	7-Nov-12
IAQ-TOM3-103112	1211056-10	Air	31-Oct-12	8-Nov-12
IAQ-ROP1-103112-K2	12-11-0063-1	SPLIT	31-Oct-12	1-Nov-12
IAQ-TOM1-103112-K2	12-11-0063-2	SPLIT	31-Oct-12	1-Nov-12

Notes:

- AA = Ambient air sample
- DUP = Field duplicate air sample
- SPLIT = Split sample sent to independent laboratory

VOLATILE ORGANIC COMPOUNDS ASSESSMENT - METHOD TO-15 SIM

Twenty samples were analyzed by Eurofins Air Toxics for VOCs using TO-15 SIM and TO-15 full scan.

I. TECHNICAL HOLDING TIMES

All technical holding times requirements were met. The air samples were collected on October 31, 2012 and analyzed between November 6 and 8, 2012, which is within nine days of sample collection. Some guidance suggests that samples for Method TO-15 should be analyzed within 14 days of sampling; however, Method TO-15 indicates that canisters can be stored for up to 30 days for many VOCs.

II. INITIAL CALIBRATION

Prior to the analysis of any samples or standards, an instrument performance check must be performed using 50 ng of 4-bromofluorobenzene (BFB). All ion abundances must meet the criteria listed in Table 3 of Method TO-15. Initial calibration of the instrument must be performed using a minimum of five standard concentrations that span the monitoring range of interest. One calibration point must be at the same concentration as the daily calibration standard and one point should be near the detection limit for the compound of interest. For initial calibration to be accepted, the calculated percent relative standard deviation (%RSD) for the relative response factor (RRF) for each compound in the calibration table must be less than 30 percent with at most two exceptions up to a limit of 40 percent.

Initial calibration was performed on September 15, 2012, using a minimum of five concentrations ranging from 0.05 to 40 ppbv, which meets the method requirement for the full scan analysis and concentrations ranging from 0.003 to 20 ppbv for the SIM analysis. The %RSD for the mean RRF for all target compounds was less than 30 percent. Therefore, the initial calibration is considered acceptable and sample analysis proceeded.

III. CONTINUING CALIBRATION

Prior to the analysis of samples and blanks but after tuning criteria (4-BFB), the initial calibration of the GC/MS must be verified (once every 12 to 24 hours) by analyzing a daily calibration verification standard (a midpoint check standard at 10 ppbv). The calibration verification standard must contain all target analytes. The percent difference (%D) between the continuing calibration RRF and the initial RRF must be within 30 percent in order to proceed with blanks and samples.

Samples were analyzed on November 6, 7, and 8, 2012. Prior to each day of sample analysis, a 50 ng BFB tuning standard was analyzed. Mass ion abundance criteria were met for the system for each day of analysis. The percent difference was below 30 percent for all target analytes. Therefore, the initial calibrations were validated and continuing calibration criteria were met for the project requirements.

IV. METHOD BLANKS

A method blank must be analyzed with each batch of samples immediately after initial calibration is verified and before sample analysis. No target analytes were detected at concentrations above their respective reporting limits in the method blanks for the SIM and full scan analysis.

V. SURROGATES

Three surrogate spikes (1,2-dichloroethane-d4, toluene-d8 and 4-bromofluorobenzene) were added to each environmental sample, QC sample, and method blank. Surrogate spike control limits were established by the laboratory at 70 to 130 percent for all three surrogates.

All surrogate recoveries were within the acceptable method control limits.

VI. LABORATORY CONTROL SAMPLES (LCS)

Although not required by the method, a LCS sample was analyzed with these samples. Additionally, an LCS duplicate (LCSD) sample was analyzed with these samples, as no laboratory duplicate was analyzed with the samples. Results from the LCS and LCSD samples were included in the analytical report. Acceptance limits, established by the laboratory, are 70 to 130 percent. Except for benzene and toluene in one LCS/LCSD pair, all LCS and LCSD analyte recoveries were within the acceptable limits and the relative percent differences (RPDs) between detected analyte concentrations in the duplicate pairs were all less than 25 percent. Benzene was recovered at 67 and 68 percent, respectively, in the LCS and LCSD analyzed on November 6, 2012, and the toluene results were recovered at 68 percent in both the LCS and LCSD analyzed on November 6, 2012. Therefore, the benzene and toluene result in the samples analyzed on November 6, 2012 will be qualified as estimated (flagged with a "J"). Other than toluene and benzene in one LCS/LCSD pair, acceptable accuracy and precision was demonstrated and qualification is not warranted.

VII. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Two field duplicate samples were collected during this sampling event. Sample IAQ-FRR1-103112-K is a duplicate sample of IAQ-FRR1-103112. Sample IAQ-WCCS7-103112-K is a duplicate sample of IAQ-WCCS7-103112. Additionally, two split samples were collected during this round and sent to a different laboratory (Calscience) and are discussed below.

The Omega RI/FS specified a duplicate collection frequency of 10 percent. Although not specified, a duplicate precision criterion of 20 percent was used for duplicate air samples (which is equal to the precision criteria for groundwater samples). If the results were detected at concentrations less than 5x the reporting limit, then the difference between the two results was evaluated against the criteria of \pm the reporting limit. Results were deemed within criteria if the difference was less than two times the reporting limit. The RPD calculation was performed only if constituents were detected above laboratory reporting limits in both the primary and the duplicate samples. In the event that a constituent was detected in one sample but not in its corresponding duplicate, the RPD was not calculated. However, precision was evaluated by comparing the difference between the two results (using the reporting limit of the non-detected result) to \pm the reporting limit. Bolded results in the tables below indicate results that exceed criteria.

The RPDs between the primary and duplicate samples in the field duplicate pair (submitted to Eurofins AirToxics) were within 20 percent or within acceptance criteria for all analyte, except for the acetone and benzene results in the field duplicate pair for IAQ-WCCS7-103112.

Compound	IAQ-FRR1-103112	IAQ-FRR1-103112-K	RPD	Less than 5X RL?	Difference of two results	Criteria using ± 2xRL
	(ug/m3)	(ug/m3)				
1,2-Dichloroethane	0.18	0.25	32.6	Yes	0.07	0.26
1,4-Dichlorobenzene	1.2	1.2	0.0			
Acetone	27	26	3.8			
Benzene	1.3	1.3	0.0			
Carbon Tetrachloride	0.5	0.54	7.7			
Chloroform	0.29	0.29	0.0			
Dichlorodifluoromethane	2.4	2.4	0.0			
Ethylbenzene	0.96	0.96	0.0			
Freon 113	0.51	0.48	6.1			
Methylene Chloride	1.2 U	1.4	NC	Yes	0.2	2.2
m,p-Xylene	3	3	0.0			
o-Xylene	1.1	1.1	0.0			
Tetrachloroethene	0.38	0.34	11.1			
Trichlorofluoromethane (Freon 11)	1.3	1.3	0.0			
Toluene	4.3	4.2	2.4			

Compound	IAQ-WCCS7-103112	IAQ-WCCS7-103112-K	RPD	Less than 5X RL?	Difference of two results	Criteria using ± 2xRL
	(ug/m3)	(ug/m3)				
1,2-Dichloroethane	0.2	0.25	22.2	Yes	0.05	0.28
1,4-Dichlorobenzene	0.23	0.24	4.3			
Acetone	22	27	20.4			
Benzene	1.4	2	35.3			
Carbon Tetrachloride	0.53	0.54	1.9			
Chloroform	0.28	0.31	10.2			
Dichlorodifluoromethane	2.6	2.8	7.4			
Ethylbenzene	0.76	0.77	1.3			
Freon 113	0.51	0.54	5.7			
Methylene Chloride	1.3	1.2 U	NC	Yes	0.1	2.4
m,p-Xylene	2.5	2.6	3.9			
o-Xylene	0.95	0.98	3.1			
Tetrachloroethene	0.53	0.52	1.9			
Trichlorofluoromethane (Freon 11)	1.4	1.5	6.9			
Toluene	4.2	4.5	6.9			

Two split samples (IAQ-ROP1-103112-K2 and IAQ-TOM1-103112-K2) were submitted to an independent laboratory (Calscience) to check precision between laboratories. As shown on the following table, the split sample precision was not met for benzene, ethylbenzene, m,p-xylenes, and o-xylenes in the IAQ-TOM1-103112 split sample pair;

and acetone, ethylbenzene and o-xylene in the IAQ-TOM1-103112 split sample pair. Therefore, these results are estimated (flagged with a "J") due to split sample imprecision.

Compound	IAQ-TOM1-103112	IAQ-TOM1-103112-K2	RPD	Less than 5X RL?	Difference of two results	Criteria using ± 2xRL
	(ug/m3)	(ug/m3)				
1,1-Dichloroethene	0.067 U	0.048	NC	Yes	0.019	0.134
1,2-Dichloroethane	0.28	0.29	3.5			
1,4-Dichlorobenzene	0.21	0.54	88.0	Yes	0.33	0.4
Acetone	52	45	14.4			
Benzene	1.4	1.8	25.0			
Carbon Tetrachloride	0.5	0.52	3.9			
Chloroform	2.6	2.5	3.9			
Dichlorodifluoromethane	2.6	2.5	3.9			
Ethylbenzene	1.2	2.2	58.8			
Freon 113	0.59	0.66	11.2			
Methylene Chloride	1.4	1.5	6.9			
m,p-Xylene	3.7	4.6	21.7			
o-Xylene	1.4	1.9	30.3			
Tetrachloroethene	0.4	0.5	22.2	Yes	0.1	0.46
Trichloroethene	0.18 U	0.11	NC	Yes	0.07	0.36
Trichlorofluoromethane (Freon 11)	2	2.2	9.5			

Compound	IAQ-ROP1-103112	IAQ-ROP1-103112-K2	RPD	Less than 5X RL?	Difference of two results	Criteria using ± 2xRL
	(ug/m3)	(ug/m3)				
1,1-Dichloroethene	0.067 U	0.065	NC	Yes	0.002	0.134
1,2-Dichloroethane	0.14 U	0.1	NC	Yes	0.04	0.28
1,4-Dichlorobenzene	0.2 U	0.17	NC	Yes	0.03	0.4
Acetone	30	23	26.4			
Benzene	1.5	1.7	12.5			
Carbon Tetrachloride	0.53	0.52	1.9			
Chloroform	0.31	0.26	17.5			
Dichlorodifluoromethane	2.5	2.1	17.4			
Ethylbenzene	0.81	1	21.0			
Freon 113	0.54	0.58	7.1			
Methylene Chloride	1.3	1.3	0.0			
M,p-Xylene	2.7	3.1	13.8			
o-Xylene	1	1.3	26.1			
Tetrachloroethene	0.38	0.46	19.0			
Trichloroethene	0.18 U	0.43	NC	Yes	0.25	0.36
Trichlorofluoromethane (Freon 11)	1.4	1.3	7.4			

Compound	IAQ- ROP1- 103112	IAQ-ROP1- 103112-K2	RPD	Less than 5X RL?	Difference of two results	Criteria using \pm 2xRL
	(ug/m3)	(ug/m3)				
Toluene	4.5	4.9	8.5			

In addition, the laboratory summary QC data for the split samples, including laboratory blanks, LCS, and LCS duplicate data were reviewed; however calibration and raw data were not provided for this duplicate pair. Based on the limited data review, no qualification was needed.

VIII. INTERNAL STANDARDS

Internal standard (IS) area counts and retention times for samples were within validation criteria. IS area counts for all samples analyzed were within \pm 40 percent of the CCV's IS area; and IS retention times were within 0.33 minutes from the retention time of the associated daily standard, which meet criteria specified in Method TO-15.

IX. TARGET COMPOUND IDENTIFICATION

All positive compound identifications were confirmed through the mass spectra library.

X. COMPOUND QUANTITATION

Several positive results were recalculated to ensure that compound quantitation was accurate. No errors were encountered. Compound quantitation was based on the initial calibration average RF.

XI. SYSTEM PERFORMANCE

The system performance was acceptable.

XII. ION ABUNDANCE CRITERIA

The mass calibration and tune files were reviewed to confirm that the ion abundance criteria met TO-15 criteria (Table 3). All ion abundance criteria were met.

XIII. OVERALL ASSESSMENT OF VOC DATA

All QC criteria evaluated during data validation of the VOC analyses were within acceptable limits, except for several analytes that were qualified based on split sample imprecision and LCS/LSCD recoveries, which are discussed below.

The benzene and toluene result in the samples analyzed on November 6, 2012 will be qualified as estimated (flagged with a "J"), due to low LCS/LCSD percent recoveries. Due to field duplicate precision issues, the acetone and benzene results in the IAQ-WCCS7-103112 field duplicate pair will be qualified as estimated. Due to split precision issues, the benzene, ethylbenzene, m,p-xylenes, and o-xylenes in the IAQ-TOM1-103112 split sample pair and acetone, ethylbenzene and o-xylene in the IAQ-ROP1-103112 split sample pairs will be qualified as estimated.

11/14/2012
Ms. Sharon Wallin
CDM Smith Inc.
111 Academy Street
Suite 150
Irvine CA 92617

Project Name: Omega IAQ
Project #: 10500
Workorder #: 1211055

Dear Ms. Sharon Wallin

The following report includes the data for the above referenced project for sample(s) received on 11/2/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori
Project Manager

A Eurofins Lancaster Laboratories Company

WORK ORDER #: 1211055

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM Smith Inc. 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	
FAX:	949-725-3790	PROJECT #	10500 Omega IAQ
DATE RECEIVED:	11/02/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	11/14/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	1AQ-FRR1-103112	Modified TO-15	5.8 "Hg	5 psi
01B	1AQ-FRR1-103112	Modified TO-15	5.8 "Hg	5 psi
02A	1AQ-FRR1-103112-K	Modified TO-15	5.4 "Hg	5 psi
02B	1AQ-FRR1-103112-K	Modified TO-15	5.4 "Hg	5 psi
03A	1AQ-FRR2-103112	Modified TO-15	5.8 "Hg	5 psi
03B	1AQ-FRR2-103112	Modified TO-15	5.8 "Hg	5 psi
04A	1AQ-FRR3-103112	Modified TO-15	4.4 "Hg	5 psi
04B	1AQ-FRR3-103112	Modified TO-15	4.4 "Hg	5 psi
05A	1AQ-ROP1-103112	Modified TO-15	6.2 "Hg	5 psi
05B	1AQ-ROP1-103112	Modified TO-15	6.2 "Hg	5 psi
06A	1AQ-ROP2-103112	Modified TO-15	6.4 "Hg	5 psi
06B	1AQ-ROP2-103112	Modified TO-15	6.4 "Hg	5 psi
07A	1AQ-ROP3-103112	Modified TO-15	6.6 "Hg	5 psi
07B	1AQ-ROP3-103112	Modified TO-15	6.6 "Hg	5 psi
08A	1AQ-ROP4-103112	Modified TO-15	6.8 "Hg	5 psi
08B	1AQ-ROP4-103112	Modified TO-15	6.8 "Hg	5 psi
09A	1AQ-ROP5-103112	Modified TO-15	7.6 "Hg	5 psi
09B	1AQ-ROP5-103112	Modified TO-15	7.6 "Hg	5 psi
10A	1AQ-WCCS2-103112	Modified TO-15	5.8 "Hg	5 psi
10B	1AQ-WCCS2-103112	Modified TO-15	5.8 "Hg	5 psi
11A	Lab Blank	Modified TO-15	NA	NA
11B	Lab Blank	Modified TO-15	NA	NA
12A	CCV	Modified TO-15	NA	NA

Continued on next page

WORK ORDER #: 1211055

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM Smith Inc. 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	
FAX:	949-725-3790	PROJECT #	10500 Omega IAQ
DATE RECEIVED:	11/02/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	11/14/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT</u>	<u>FINAL</u>
			<u>VAC./PRES.</u>	<u>PRESSURE</u>
12B	CCV	Modified TO-15	NA	NA
13A	LCS	Modified TO-15	NA	NA
13AA	LCSD	Modified TO-15	NA	NA
13B	LCS	Modified TO-15	NA	NA
13BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY:

Heidi Hayes

DATE: 11/14/12

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020


**LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
CDM Smith Inc.
Workorder# 1211055**

Ten 6 Liter Summa Canister (SIM Certified) samples were received on November 02, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+ - 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%;, flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%;, flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is

defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN**

Client Sample ID: 1AQ-FRR1-103112

Lab ID#: 1211055-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.83	11	2.0	27

Client Sample ID: 1AQ-FRR1-103112

Lab ID#: 1211055-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.48	0.16	2.4
Freon 11	0.033	0.24	0.19	1.3
Freon 113	0.033	0.066	0.25	0.51
Chloroform	0.033	0.059	0.16	0.29
Carbon Tetrachloride	0.033	0.080	0.21	0.50
Benzene	0.083	0.41	0.26	1.3
1,2-Dichloroethane	0.033	0.044	0.13	0.18
Toluene	0.033	1.1	0.12	4.3
Tetrachloroethene	0.033	0.056	0.22	0.38
Ethyl Benzene	0.033	0.22	0.14	0.96
m,p-Xylene	0.066	0.69	0.29	3.0
o-Xylene	0.033	0.26	0.14	1.1
1,4-Dichlorobenzene	0.033	0.20	0.20	1.2

Client Sample ID: 1AQ-FRR1-103112-K

Lab ID#: 1211055-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.82	11	1.9	26
Methylene Chloride	0.33	0.39	1.1	1.4

Client Sample ID: 1AQ-FRR1-103112-K

Lab ID#: 1211055-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.48	0.16	2.4

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-FRR1-103112-K

Lab ID#: 1211055-02B

Freon 11	0.033	0.24	0.18	1.3
Freon 113	0.033	0.062	0.25	0.48
Chloroform	0.033	0.059	0.16	0.29
Carbon Tetrachloride	0.033	0.086	0.20	0.54
Benzene	0.082	0.41	0.26	1.3
1,2-Dichloroethane	0.033	0.063	0.13	0.25
Toluene	0.033	1.1	0.12	4.2
Tetrachloroethene	0.033	0.051	0.22	0.34
Ethyl Benzene	0.033	0.22	0.14	0.96
m,p-Xylene	0.065	0.69	0.28	3.0
o-Xylene	0.033	0.26	0.14	1.1
1,4-Dichlorobenzene	0.033	0.21	0.20	1.2

Client Sample ID: 1AQ-FRR2-103112

Lab ID#: 1211055-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.83	9.6	2.0	23

Client Sample ID: 1AQ-FRR2-103112

Lab ID#: 1211055-03B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.46	0.16	2.3
Freon 11	0.033	0.22	0.19	1.2
Freon 113	0.033	0.062	0.25	0.48
Chloroform	0.033	0.050	0.16	0.24
Carbon Tetrachloride	0.033	0.087	0.21	0.55
Benzene	0.083	0.39	0.26	1.2
1,2-Dichloroethane	0.033	0.032 J	0.13	0.13 J
Toluene	0.033	1.3	0.12	4.7
Tetrachloroethene	0.033	0.050	0.22	0.34
Ethyl Benzene	0.033	0.16	0.14	0.71
m,p-Xylene	0.066	0.54	0.29	2.4

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-FRR2-103112

Lab ID#: 1211055-03B

o-Xylene	0.033	0.21	0.14	0.92
1,4-Dichlorobenzene	0.033	0.083	0.20	0.50

Client Sample ID: 1AQ-FRR3-103112

Lab ID#: 1211055-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.78	9.5	1.9	23
Methylene Chloride	0.31	0.75	1.1	2.6

Client Sample ID: 1AQ-FRR3-103112

Lab ID#: 1211055-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.52	0.16	2.6
Freon 11	0.031	0.26	0.18	1.5
Freon 113	0.031	0.072	0.24	0.55
Chloroform	0.031	0.053	0.15	0.26
Carbon Tetrachloride	0.031	0.099	0.20	0.62
Benzene	0.078	0.48	0.25	1.6
1,2-Dichloroethane	0.031	0.035	0.13	0.14
Trichloroethene	0.031	0.046	0.17	0.24
Toluene	0.031	1.2	0.12	4.7
Tetrachloroethene	0.031	0.052	0.21	0.35
Ethyl Benzene	0.031	0.20	0.14	0.88
m,p-Xylene	0.063	0.66	0.27	2.9
o-Xylene	0.031	0.26	0.14	1.1

Client Sample ID: 1AQ-ROP1-103112

Lab ID#: 1211055-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.84	13	2.0	30
Methylene Chloride	0.34	0.38	1.2	1.3

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-ROP1-103112

Lab ID#: 1211055-05B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Freon 11	0.034	0.24	0.19	1.4
Freon 113	0.034	0.071	0.26	0.54
Chloroform	0.034	0.064	0.16	0.31
Carbon Tetrachloride	0.034	0.084	0.21	0.53
Benzene	0.084	0.48	0.27	1.5
Toluene	0.034	1.2	0.13	4.5
Tetrachloroethene	0.034	0.056	0.23	0.38
Ethyl Benzene	0.034	0.19	0.15	0.81
m,p-Xylene	0.068	0.62	0.29	2.7
o-Xylene	0.034	0.23	0.15	1.0

Client Sample ID: 1AQ-ROP2-103112

Lab ID#: 1211055-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.85	12	2.0	30
Methylene Chloride	0.34	0.42	1.2	1.4

Client Sample ID: 1AQ-ROP2-103112

Lab ID#: 1211055-06B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Freon 11	0.034	0.25	0.19	1.4
1,1-Dichloroethene	0.017	0.017	0.067	0.066
Freon 113	0.034	0.074	0.26	0.57
Chloroform	0.034	0.064	0.17	0.31
Carbon Tetrachloride	0.034	0.095	0.21	0.60
Benzene	0.085	0.46	0.27	1.5
Toluene	0.034	1.2	0.13	4.6
Tetrachloroethene	0.034	0.057	0.23	0.39
Ethyl Benzene	0.034	0.20	0.15	0.87

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-ROP2-103112

Lab ID#: 1211055-06B

m,p-Xylene	0.068	0.68	0.30	3.0
o-Xylene	0.034	0.25	0.15	1.1

Client Sample ID: 1AQ-ROP3-103112

Lab ID#: 1211055-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	14	2.0	33
Methylene Chloride	0.34	0.39	1.2	1.4

Client Sample ID: 1AQ-ROP3-103112

Lab ID#: 1211055-07B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.51	0.17	2.5
Freon 11	0.034	0.25	0.19	1.4
1,1-Dichloroethene	0.017	0.017	0.068	0.069
Freon 113	0.034	0.070	0.26	0.54
Chloroform	0.034	0.069	0.17	0.34
Carbon Tetrachloride	0.034	0.10	0.22	0.63
Benzene	0.086	0.51	0.27	1.6
Toluene	0.034	1.4	0.13	5.2
Tetrachloroethene	0.034	0.060	0.23	0.41
Ethyl Benzene	0.034	0.21	0.15	0.90
m,p-Xylene	0.069	0.71	0.30	3.1
o-Xylene	0.034	0.26	0.15	1.1
1,4-Dichlorobenzene	0.034	0.036	0.21	0.22

Client Sample ID: 1AQ-ROP4-103112

Lab ID#: 1211055-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	13	2.0	31

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-ROP4-103112

Lab ID#: 1211055-08B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.52	0.17	2.6
Freon 11	0.035	0.25	0.19	1.4
1,1-Dichloroethene	0.017	0.026	0.068	0.10
Freon 113	0.035	0.073	0.26	0.56
Chloroform	0.035	0.068	0.17	0.33
Carbon Tetrachloride	0.035	0.083	0.22	0.52
Benzene	0.086	0.49	0.28	1.6
Toluene	0.035	1.2	0.13	4.5
Tetrachloroethene	0.035	0.098	0.23	0.67
Ethyl Benzene	0.035	0.18	0.15	0.78
m,p-Xylene	0.069	0.61	0.30	2.6
o-Xylene	0.035	0.23	0.15	0.98
1,4-Dichlorobenzene	0.035	0.041	0.21	0.25

Client Sample ID: 1AQ-ROP5-103112

Lab ID#: 1211055-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.90	12	2.1	29

Client Sample ID: 1AQ-ROP5-103112

Lab ID#: 1211055-09B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.50	0.18	2.5
Freon 11	0.036	0.24	0.20	1.4
1,1-Dichloroethene	0.018	0.020	0.071	0.079
Freon 113	0.036	0.071	0.27	0.54
Chloroform	0.036	0.066	0.17	0.32
Carbon Tetrachloride	0.036	0.080	0.22	0.50
Benzene	0.090	0.47	0.28	1.5
Toluene	0.036	1.1	0.13	4.2
Tetrachloroethene	0.036	0.097	0.24	0.66

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN**

Client Sample ID: 1AQ-ROP5-103112

Lab ID#: 1211055-09B

Ethyl Benzene	0.036	0.15	0.16	0.65
m,p-Xylene	0.072	0.45	0.31	2.0
o-Xylene	0.036	0.16	0.16	0.71

Client Sample ID: 1AQ-WCCS2-103112

Lab ID#: 1211055-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.83	9.4	2.0	22

Client Sample ID: 1AQ-WCCS2-103112

Lab ID#: 1211055-10B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.50	0.16	2.5
Freon 11	0.033	0.25	0.19	1.4
Freon 113	0.033	0.069	0.25	0.53
Chloroform	0.033	0.059	0.16	0.29
Carbon Tetrachloride	0.033	0.084	0.21	0.53
Benzene	0.083	0.44	0.26	1.4
1,2-Dichloroethane	0.033	0.048	0.13	0.19
Toluene	0.033	1.1	0.12	4.1
Tetrachloroethene	0.033	0.091	0.22	0.62
Ethyl Benzene	0.033	0.17	0.14	0.75
m,p-Xylene	0.066	0.59	0.29	2.6
o-Xylene	0.033	0.22	0.14	0.96
1,4-Dichlorobenzene	0.033	0.048	0.20	0.29



Air Toxics

Client Sample ID: 1AQ-FRR1-103112

Lab ID#: 1211055-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110609	Date of Collection:	10/31/12 6:45:00 AM	
Dil. Factor:	1.66	Date of Analysis:	11/6/12 02:26 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.83	11	2.0	27
Methylene Chloride	0.33	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: 1AQ-FRR1-103112

Lab ID#: 1211055-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110609sim	Date of Collection:	10/31/12 6:45:00 AM	
Dil. Factor:	1.66	Date of Analysis:	11/6/12 02:26 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.48	0.16	2.4
Vinyl Chloride	0.017	Not Detected	0.042	Not Detected
Freon 11	0.033	0.24	0.19	1.3
1,1-Dichloroethene	0.017	Not Detected	0.066	Not Detected
Freon 113	0.033	0.066	0.25	0.51
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.059	0.16	0.29
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.080	0.21	0.50
Benzene	0.083	0.41	0.26	1.3
1,2-Dichloroethane	0.033	0.044	0.13	0.18
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	1.1	0.12	4.3
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.056	0.22	0.38
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.22	0.14	0.96
m,p-Xylene	0.066	0.69	0.29	3.0
o-Xylene	0.033	0.26	0.14	1.1
1,4-Dichlorobenzene	0.033	0.20	0.20	1.2
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: 1AQ-FRR1-103112-K

Lab ID#: 1211055-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110610	Date of Collection:	10/31/12 6:46:00 AM	
Dil. Factor:	1.63	Date of Analysis:	11/6/12 03:02 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.82	11	1.9	26
Methylene Chloride	0.33	0.39	1.1	1.4

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-FRR1-103112-K

Lab ID#: 1211055-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110610sim	Date of Collection: 10/31/12 6:46:00 AM		
Dil. Factor:	1.63	Date of Analysis: 11/6/12 03:02 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.48	0.16	2.4
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
Freon 11	0.033	0.24	0.18	1.3
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
Freon 113	0.033	0.062	0.25	0.48
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.059	0.16	0.29
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.086	0.20	0.54
Benzene	0.082	0.41	0.26	1.3
1,2-Dichloroethane	0.033	0.063	0.13	0.25
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	1.1	0.12	4.2
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.051	0.22	0.34
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.22	0.14	0.96
m,p-Xylene	0.065	0.69	0.28	3.0
o-Xylene	0.033	0.26	0.14	1.1
1,4-Dichlorobenzene	0.033	0.21	0.20	1.2
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: 1AQ-FRR2-103112

Lab ID#: 1211055-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110611	Date of Collection:	10/31/12 6:50:00 AM	
Dil. Factor:	1.66	Date of Analysis:	11/6/12 03:38 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.83	9.6	2.0	23
Methylene Chloride	0.33	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: 1AQ-FRR2-103112

Lab ID#: 1211055-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110611sim	Date of Collection:	10/31/12 6:50:00 AM	
Dil. Factor:	1.66	Date of Analysis:	11/6/12 03:38 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.46	0.16	2.3
Vinyl Chloride	0.017	Not Detected	0.042	Not Detected
Freon 11	0.033	0.22	0.19	1.2
1,1-Dichloroethene	0.017	Not Detected	0.066	Not Detected
Freon 113	0.033	0.062	0.25	0.48
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.050	0.16	0.24
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.087	0.21	0.55
Benzene	0.083	0.39	0.26	1.2
1,2-Dichloroethane	0.033	0.032 J	0.13	0.13 J
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	1.3	0.12	4.7
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.050	0.22	0.34
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.16	0.14	0.71
m,p-Xylene	0.066	0.54	0.29	2.4
o-Xylene	0.033	0.21	0.14	0.92
1,4-Dichlorobenzene	0.033	0.083	0.20	0.50
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: 1AQ-FRR3-103112

Lab ID#: 1211055-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110612	Date of Collection:	10/31/12 6:58:00 AM	
Dil. Factor:	1.57	Date of Analysis:	11/6/12 04:23 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.78	9.5	1.9	23
Methylene Chloride	0.31	0.75	1.1	2.6

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: 1AQ-FRR3-103112

Lab ID#: 1211055-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110612sim	Date of Collection:	10/31/12 6:58:00 AM	
Dil. Factor:	1.57	Date of Analysis:	11/6/12 04:23 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.52	0.16	2.6
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.031	0.26	0.18	1.5
1,1-Dichloroethene	0.016	Not Detected	0.062	Not Detected
Freon 113	0.031	0.072	0.24	0.55
1,1-Dichloroethane	0.031	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
Chloroform	0.031	0.053	0.15	0.26
1,1,1-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.031	0.099	0.20	0.62
Benzene	0.078	0.48	0.25	1.6
1,2-Dichloroethane	0.031	0.035	0.13	0.14
Trichloroethene	0.031	0.046	0.17	0.24
trans-1,3-Dichloropropene	0.031	Not Detected	0.14	Not Detected
Toluene	0.031	1.2	0.12	4.7
1,1,2-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	0.052	0.21	0.35
Chlorobenzene	0.031	Not Detected	0.14	Not Detected
Ethyl Benzene	0.031	0.20	0.14	0.88
m,p-Xylene	0.063	0.66	0.27	2.9
o-Xylene	0.031	0.26	0.14	1.1
1,4-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.031	Not Detected	0.22	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.62	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-ROP1-103112

Lab ID#: 1211055-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110613	Date of Collection:	10/31/12 7:00:00 AM	
Dil. Factor:	1.69	Date of Analysis:	11/6/12 04:59 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.84	13	2.0	30
Methylene Chloride	0.34	0.38	1.2	1.3

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-ROP1-103112

Lab ID#: 1211055-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110613sim	Date of Collection: 10/31/12 7:00:00 AM		
Dil. Factor:	1.69	Date of Analysis: 11/6/12 04:59 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.24	0.19	1.4
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
Freon 113	0.034	0.071	0.26	0.54
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.064	0.16	0.31
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.084	0.21	0.53
Benzene	0.084	0.48	0.27	1.5
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	1.2	0.13	4.5
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.056	0.23	0.38
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.19	0.15	0.81
m,p-Xylene	0.068	0.62	0.29	2.7
o-Xylene	0.034	0.23	0.15	1.0
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: 1AQ-ROP2-103112

Lab ID#: 1211055-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110614	Date of Collection:	10/31/12 7:10:00 AM	
Dil. Factor:	1.70	Date of Analysis:	11/6/12 05:36 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.85	12	2.0	30
Methylene Chloride	0.34	0.42	1.2	1.4

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-ROP2-103112

Lab ID#: 1211055-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110614sim	Date of Collection:	10/31/12 7:10:00 AM	
Dil. Factor:	1.70	Date of Analysis:	11/6/12 05:36 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.50	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.25	0.19	1.4
1,1-Dichloroethene	0.017	0.017	0.067	0.066
Freon 113	0.034	0.074	0.26	0.57
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.064	0.17	0.31
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.095	0.21	0.60
Benzene	0.085	0.46	0.27	1.5
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	1.2	0.13	4.6
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.057	0.23	0.39
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.20	0.15	0.87
m,p-Xylene	0.068	0.68	0.30	3.0
o-Xylene	0.034	0.25	0.15	1.1
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: 1AQ-ROP3-103112

Lab ID#: 1211055-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110615	Date of Collection:	10/31/12 7:05:00 AM	
Dil. Factor:	1.72	Date of Analysis:	11/6/12 06:14 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	14	2.0	33
Methylene Chloride	0.34	0.39	1.2	1.4

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: 1AQ-ROP3-103112

Lab ID#: 1211055-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110615sim	Date of Collection:	10/31/12 7:05:00 AM	
Dil. Factor:	1.72	Date of Analysis:	11/6/12 06:14 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.51	0.17	2.5
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.034	0.25	0.19	1.4
1,1-Dichloroethene	0.017	0.017	0.068	0.069
Freon 113	0.034	0.070	0.26	0.54
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Chloroform	0.034	0.069	0.17	0.34
1,1,1-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.034	0.10	0.22	0.63
Benzene	0.086	0.51	0.27	1.6
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.034	Not Detected	0.16	Not Detected
Toluene	0.034	1.4	0.13	5.2
1,1,2-Trichloroethane	0.034	Not Detected	0.19	Not Detected
Tetrachloroethene	0.034	0.060	0.23	0.41
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.21	0.15	0.90
m,p-Xylene	0.069	0.71	0.30	3.1
o-Xylene	0.034	0.26	0.15	1.1
1,4-Dichlorobenzene	0.034	0.036	0.21	0.22
1,2-Dichlorobenzene	0.034	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: 1AQ-ROP4-103112

Lab ID#: 1211055-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110616	Date of Collection:	10/31/12 7:18:00 AM	
Dil. Factor:	1.73	Date of Analysis:	11/6/12 07:03 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	13	2.0	31
Methylene Chloride	0.35	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: 1AQ-ROP4-103112

Lab ID#: 1211055-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110616sim	Date of Collection: 10/31/12 7:18:00 AM		
Dil. Factor:	1.73	Date of Analysis: 11/6/12 07:03 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.52	0.17	2.6
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.035	0.25	0.19	1.4
1,1-Dichloroethene	0.017	0.026	0.068	0.10
Freon 113	0.035	0.073	0.26	0.56
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.068	0.17	0.33
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.083	0.22	0.52
Benzene	0.086	0.49	0.28	1.6
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	1.2	0.13	4.5
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.098	0.23	0.67
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.18	0.15	0.78
m,p-Xylene	0.069	0.61	0.30	2.6
o-Xylene	0.035	0.23	0.15	0.98
1,4-Dichlorobenzene	0.035	0.041	0.21	0.25
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-ROP5-103112

Lab ID#: 1211055-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110617	Date of Collection:	10/31/12 7:15:00 AM	
Dil. Factor:	1.79	Date of Analysis:	11/6/12 08:04 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.90	12	2.1	29
Methylene Chloride	0.36	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: 1AQ-ROP5-103112

Lab ID#: 1211055-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110617sim	Date of Collection: 10/31/12 7:15:00 AM		
Dil. Factor:	1.79	Date of Analysis: 11/6/12 08:04 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.50	0.18	2.5
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	0.24	0.20	1.4
1,1-Dichloroethene	0.018	0.020	0.071	0.079
Freon 113	0.036	0.071	0.27	0.54
1,1-Dichloroethane	0.036	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	0.066	0.17	0.32
1,1,1-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.036	0.080	0.22	0.50
Benzene	0.090	0.47	0.28	1.5
1,2-Dichloroethane	0.036	Not Detected	0.14	Not Detected
Trichloroethene	0.036	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	1.1	0.13	4.2
1,1,2-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Tetrachloroethene	0.036	0.097	0.24	0.66
Chlorobenzene	0.036	Not Detected	0.16	Not Detected
Ethyl Benzene	0.036	0.15	0.16	0.65
m,p-Xylene	0.072	0.45	0.31	2.0
o-Xylene	0.036	0.16	0.16	0.71
1,4-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.64	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS2-103112

Lab ID#: 1211055-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110618	Date of Collection:	10/31/12 7:25:00 AM	
Dil. Factor:	1.66	Date of Analysis:	11/6/12 08:40 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.83	9.4	2.0	22
Methylene Chloride	0.33	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS2-103112

Lab ID#: 1211055-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110618sim	Date of Collection: 10/31/12 7:25:00 AM		
Dil. Factor:	1.66	Date of Analysis: 11/6/12 08:40 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.50	0.16	2.5
Vinyl Chloride	0.017	Not Detected	0.042	Not Detected
Freon 11	0.033	0.25	0.19	1.4
1,1-Dichloroethene	0.017	Not Detected	0.066	Not Detected
Freon 113	0.033	0.069	0.25	0.53
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.059	0.16	0.29
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.084	0.21	0.53
Benzene	0.083	0.44	0.26	1.4
1,2-Dichloroethane	0.033	0.048	0.13	0.19
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	1.1	0.12	4.1
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.091	0.22	0.62
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.17	0.14	0.75
m,p-Xylene	0.066	0.59	0.29	2.6
o-Xylene	0.033	0.22	0.14	0.96
1,4-Dichlorobenzene	0.033	0.048	0.20	0.29
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211055-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110606	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 11:08 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211055-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110606asim	Date of Collection: NA		
Dil. Factor:	1.00	Date of Analysis: 11/6/12 11:08 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211055-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110602	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 07:32 AM

Compound	%Recovery
Acetone	83
Methylene Chloride	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211055-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110602sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 07:32 AM

Compound	%Recovery
Freon 12	99
Vinyl Chloride	79
Freon 11	99
1,1-Dichloroethene	86
Freon 113	92
1,1-Dichloroethane	88
cis-1,2-Dichloroethene	88
Chloroform	90
1,1,1-Trichloroethane	98
Carbon Tetrachloride	97
Benzene	76
1,2-Dichloroethane	97
Trichloroethene	89
trans-1,3-Dichloropropene	106
Toluene	77
1,1,2-Trichloroethane	98
Tetrachloroethene	89
Chlorobenzene	86
Ethyl Benzene	90
m,p-Xylene	92
o-Xylene	95
1,4-Dichlorobenzene	97
1,2-Dichlorobenzene	108
1,1,2,2-Tetrachloroethane	89
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211055-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110603	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 08:17 AM

Compound	%Recovery
Acetone	76
Methylene Chloride	77

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211055-13AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110604	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 09:10 AM

Compound	%Recovery
Acetone	78
Methylene Chloride	77

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211055-13B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110603sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/6/12 08:17 AM

Compound	%Recovery
Freon 12	86
Vinyl Chloride	71
Freon 11	86
1,1-Dichloroethene	80
Freon 113	82
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	78
Chloroform	80
1,1,1-Trichloroethane	86
Carbon Tetrachloride	99
Benzene	67 Q
1,2-Dichloroethane	85
Trichloroethene	78
trans-1,3-Dichloropropene	88
Toluene	68 Q
1,1,2-Trichloroethane	84
Tetrachloroethene	76
Chlorobenzene	76
Ethyl Benzene	80
m,p-Xylene	83
o-Xylene	85
1,4-Dichlorobenzene	83
1,2-Dichlorobenzene	94
1,1,2,2-Tetrachloroethane	78
Methyl tert-butyl ether	82
trans-1,2-Dichloroethene	87

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211055-13BB

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110604sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 09:10 AM

Compound	%Recovery
Freon 12	86
Vinyl Chloride	71
Freon 11	86
1,1-Dichloroethene	80
Freon 113	82
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	78
Chloroform	80
1,1,1-Trichloroethane	86
Carbon Tetrachloride	99
Benzene	68 Q
1,2-Dichloroethane	84
Trichloroethene	78
trans-1,3-Dichloropropene	89
Toluene	68 Q
1,1,2-Trichloroethane	86
Tetrachloroethene	77
Chlorobenzene	76
Ethyl Benzene	78
m,p-Xylene	81
o-Xylene	82
1,4-Dichlorobenzene	80
1,2-Dichlorobenzene	91
1,1,2,2-Tetrachloroethane	78
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	88

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	107	70-130

11/14/2012

Ms. Sharon Wallin

CDM Smith Inc.

111 Academy Street

Suite 150

Irvine CA 92617

Project Name: Omega 1AQ

Project #: 10500

Workorder #: 1211056

Dear Ms. Sharon Wallin

The following report includes the data for the above referenced project for sample(s) received on 11/5/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

Project Manager

WORK ORDER #: 1211056

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM Smith Inc. 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	
FAX:	949-725-3790	PROJECT #	10500 Omega 1AQ
DATE RECEIVED:	11/05/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	11/14/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	1AQ-WCCS3-103112	Modified TO-15	7.4 "Hg	5 psi
01B	1AQ-WCCS3-103112	Modified TO-15	7.4 "Hg	5 psi
02A	1AQ-WCCS4-103112	Modified TO-15	6.8 "Hg	5 psi
02B	1AQ-WCCS4-103112	Modified TO-15	6.8 "Hg	5 psi
03A	1AQ-WCCS6-103112	Modified TO-15	5.0 "Hg	5 psi
03B	1AQ-WCCS6-103112	Modified TO-15	5.0 "Hg	5 psi
04A	1AQ-WCCS7-103112	Modified TO-15	5.6 "Hg	5 psi
04B	1AQ-WCCS7-103112	Modified TO-15	5.6 "Hg	5 psi
05A	1AQ-AA1-103112	Modified TO-15	7.4 "Hg	5 psi
05B	1AQ-AA1-103112	Modified TO-15	7.4 "Hg	5 psi
06A	1AQ-AA8-103112	Modified TO-15	7.0 "Hg	5 psi
06B	1AQ-AA8-103112	Modified TO-15	7.0 "Hg	5 psi
07A	1AQ-TOM1-103112	Modified TO-15	6.2 "Hg	5 psi
07B	1AQ-TOM1-103112	Modified TO-15	6.2 "Hg	5 psi
08A	1AQ-WCCS7-103112-K	Modified TO-15	6.8 "Hg	5 psi
08B	1AQ-WCCS7-103112-K	Modified TO-15	6.8 "Hg	5 psi
09A	1AQ-TOM2-103112	Modified TO-15	7.0 "Hg	5 psi
09B	1AQ-TOM2-103112	Modified TO-15	7.0 "Hg	5 psi
10A	1AQ-TOM3-103112	Modified TO-15	5.4 "Hg	5 psi
10B	1AQ-TOM3-103112	Modified TO-15	5.4 "Hg	5 psi
11A	Lab Blank	Modified TO-15	NA	NA
11B	Lab Blank	Modified TO-15	NA	NA
11C	Lab Blank	Modified TO-15	NA	NA

Continued on next page

WORK ORDER #: 1211056

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM Smith Inc. 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	
FAX:	949-725-3790	PROJECT #	10500 Omega 1AQ
DATE RECEIVED:	11/05/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	11/14/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT</u>	<u>FINAL</u>
			<u>VAC./PRES.</u>	<u>PRESSURE</u>
11D	Lab Blank	Modified TO-15	NA	NA
12A	CCV	Modified TO-15	NA	NA
12B	CCV	Modified TO-15	NA	NA
12C	CCV	Modified TO-15	NA	NA
12D	CCV	Modified TO-15	NA	NA
13A	LCS	Modified TO-15	NA	NA
13AA	LCSD	Modified TO-15	NA	NA
13B	LCS	Modified TO-15	NA	NA
13BB	LCSD	Modified TO-15	NA	NA
13C	LCS	Modified TO-15	NA	NA
13CC	LCSD	Modified TO-15	NA	NA
13D	LCS	Modified TO-15	NA	NA
13DD	LCSD	Modified TO-15	NA	NA

CERTIFIED BY:

Heidi Hayes

DATE: 11/14/12

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020


**LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
CDM Smith Inc.
Workorder# 1211056**

Ten 6 Liter Summa Canister (SIM Certified) samples were received on November 02, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+ - 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%;, flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%;, flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is

defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN**

Client Sample ID: 1AQ-WCCS3-103112

Lab ID#: 1211056-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.89	9.9	2.1	23

Client Sample ID: 1AQ-WCCS3-103112

Lab ID#: 1211056-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.51	0.18	2.5
Freon 11	0.036	0.25	0.20	1.4
Freon 113	0.036	0.070	0.27	0.53
Chloroform	0.036	0.060	0.17	0.29
Carbon Tetrachloride	0.036	0.095	0.22	0.60
Benzene	0.089	0.44	0.28	1.4
1,2-Dichloroethane	0.036	0.048	0.14	0.20
Toluene	0.036	1.1	0.13	4.2
Tetrachloroethene	0.036	0.091	0.24	0.61
Ethyl Benzene	0.036	0.18	0.15	0.77
m,p-Xylene	0.071	0.59	0.31	2.6
o-Xylene	0.036	0.22	0.15	0.97
1,4-Dichlorobenzene	0.036	0.051	0.21	0.31

Client Sample ID: 1AQ-WCCS4-103112

Lab ID#: 1211056-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	10	2.0	24

Client Sample ID: 1AQ-WCCS4-103112

Lab ID#: 1211056-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.49	0.17	2.4
Freon 11	0.035	0.24	0.19	1.4

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-WCCS4-103112

Lab ID#: 1211056-02B

Freon 113	0.035	0.070	0.26	0.53
Chloroform	0.035	0.059	0.17	0.29
Carbon Tetrachloride	0.035	0.093	0.22	0.58
Benzene	0.086	0.43	0.28	1.4
1,2-Dichloroethane	0.035	0.050	0.14	0.20
Toluene	0.035	1.1	0.13	4.2
Tetrachloroethene	0.035	0.093	0.23	0.63
Ethyl Benzene	0.035	0.17	0.15	0.75
m,p-Xylene	0.069	0.59	0.30	2.6
o-Xylene	0.035	0.22	0.15	0.96
1,4-Dichlorobenzene	0.035	0.043	0.21	0.26

Client Sample ID: 1AQ-WCCS6-103112

Lab ID#: 1211056-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.80	11	1.9	27
Methylene Chloride	0.32	0.32	1.1	1.1

Client Sample ID: 1AQ-WCCS6-103112

Lab ID#: 1211056-03B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.48	0.16	2.4
Freon 11	0.032	0.24	0.18	1.4
Freon 113	0.032	0.070	0.25	0.53
Chloroform	0.032	0.058	0.16	0.28
Carbon Tetrachloride	0.032	0.091	0.20	0.57
Benzene	0.080	0.43	0.26	1.4
1,2-Dichloroethane	0.032	0.048	0.13	0.19
Toluene	0.032	1.1	0.12	4.2
Tetrachloroethene	0.032	0.076	0.22	0.51
Ethyl Benzene	0.032	0.18	0.14	0.78
m,p-Xylene	0.064	0.62	0.28	2.7

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-WCCS6-103112

Lab ID#: 1211056-03B

o-Xylene	0.032	0.23	0.14	1.0
1,4-Dichlorobenzene	0.032	0.045	0.19	0.27

Client Sample ID: 1AQ-WCCS7-103112

Lab ID#: 1211056-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.82	9.5	2.0	22
Methylene Chloride	0.33	0.38	1.1	1.3

Client Sample ID: 1AQ-WCCS7-103112

Lab ID#: 1211056-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.52	0.16	2.6
Freon 11	0.033	0.25	0.18	1.4
Freon 113	0.033	0.067	0.25	0.51
Chloroform	0.033	0.058	0.16	0.28
Carbon Tetrachloride	0.033	0.085	0.21	0.53
Benzene	0.082	0.46	0.26	1.4
1,2-Dichloroethane	0.033	0.051	0.13	0.20
Toluene	0.033	1.1	0.12	4.2
Tetrachloroethene	0.033	0.078	0.22	0.53
Ethyl Benzene	0.033	0.18	0.14	0.76
m,p-Xylene	0.066	0.58	0.29	2.5
o-Xylene	0.033	0.22	0.14	0.95
1,4-Dichlorobenzene	0.033	0.038	0.20	0.23

Client Sample ID: 1AQ-AA1-103112

Lab ID#: 1211056-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.89	10	2.1	25
Methylene Chloride	0.36	0.43	1.2	1.5

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-AA1-103112

Lab ID#: 1211056-05B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.52	0.18	2.6
Freon 11	0.036	0.25	0.20	1.4
Freon 113	0.036	0.073	0.27	0.56
Carbon Tetrachloride	0.036	0.097	0.22	0.61
Benzene	0.089	1.1	0.28	3.4
Toluene	0.036	3.7	0.13	14
Tetrachloroethene	0.036	0.048	0.24	0.33
Ethyl Benzene	0.036	0.47	0.15	2.0
m,p-Xylene	0.071	1.6	0.31	6.9
o-Xylene	0.036	0.57	0.15	2.5

Client Sample ID: 1AQ-AA8-103112

Lab ID#: 1211056-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.88	9.5	2.1	22
Methylene Chloride	0.35	0.77	1.2	2.7

Client Sample ID: 1AQ-AA8-103112

Lab ID#: 1211056-06B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.53	0.17	2.6
Freon 11	0.035	0.26	0.20	1.4
1,1-Dichloroethene	0.018	0.042	0.069	0.16
Freon 113	0.035	0.070	0.27	0.54
Chloroform	0.035	0.054	0.17	0.26
Carbon Tetrachloride	0.035	0.084	0.22	0.53
Benzene	0.088	0.44	0.28	1.4
Toluene	0.035	1.0	0.13	3.8
Tetrachloroethene	0.035	0.043	0.24	0.29
Ethyl Benzene	0.035	0.17	0.15	0.73
m,p-Xylene	0.070	0.52	0.30	2.3

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN**

Client Sample ID: 1AQ-AA8-103112

Lab ID#: 1211056-06B

o-Xylene	0.035	0.20	0.15	0.88
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Client Sample ID: 1AQ-TOM1-103112

Lab ID#: 1211056-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.84	22	2.0	52
Methylene Chloride	0.34	0.41	1.2	1.4

Client Sample ID: 1AQ-TOM1-103112

Lab ID#: 1211056-07B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.54	0.17	2.6
Freon 11	0.034	0.36	0.19	2.0
Freon 113	0.034	0.077	0.26	0.59
Chloroform	0.034	0.54	0.16	2.6
Carbon Tetrachloride	0.034	0.079	0.21	0.50
Benzene	0.084	0.45	0.27	1.4
1,2-Dichloroethane	0.034	0.069	0.14	0.28
Toluene	0.034	2.0	0.13	7.4
Tetrachloroethene	0.034	0.060	0.23	0.40
Ethyl Benzene	0.034	0.29	0.15	1.2
m,p-Xylene	0.068	0.86	0.29	3.7
o-Xylene	0.034	0.33	0.15	1.4
1,4-Dichlorobenzene	0.034	0.035	0.20	0.21

Client Sample ID: 1AQ-WCCS7-103112-K

Lab ID#: 1211056-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	11	2.0	27

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-WCCS7-103112-K

Lab ID#: 1211056-08B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.57	0.17	2.8
Freon 11	0.035	0.27	0.19	1.5
Freon 113	0.035	0.070	0.26	0.54
Chloroform	0.035	0.064	0.17	0.31
Carbon Tetrachloride	0.035	0.086	0.22	0.54
Benzene	0.086	0.63	0.28	2.0
1,2-Dichloroethane	0.035	0.062	0.14	0.25
Toluene	0.035	1.2	0.13	4.5
Tetrachloroethylene	0.035	0.077	0.23	0.52
Ethyl Benzene	0.035	0.18	0.15	0.77
m,p-Xylene	0.069	0.60	0.30	2.6
o-Xylene	0.035	0.23	0.15	0.98
1,4-Dichlorobenzene	0.035	0.039	0.21	0.24

Client Sample ID: 1AQ-TOM2-103112

Lab ID#: 1211056-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.88	22	2.1	52
Methylene Chloride	0.35	0.44	1.2	1.5

Client Sample ID: 1AQ-TOM2-103112

Lab ID#: 1211056-09B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.57	0.17	2.8
Freon 11	0.035	0.27	0.20	1.5
1,1-Dichloroethene	0.018	0.020	0.069	0.080
Freon 113	0.035	0.091	0.27	0.70
Chloroform	0.035	0.12	0.17	0.57
Carbon Tetrachloride	0.035	0.096	0.22	0.60
Benzene	0.088	0.55	0.28	1.8
1,2-Dichloroethane	0.035	0.034 J	0.14	0.14 J



Air Toxics

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: 1AQ-TOM2-103112**Lab ID#: 1211056-09B**

Toluene	0.035	1.6	0.13	6.1
Tetrachloroethene	0.035	0.084	0.24	0.57
Ethyl Benzene	0.035	0.20	0.15	0.85
m,p-Xylene	0.070	0.62	0.30	2.7
o-Xylene	0.035	0.23	0.15	1.0

Client Sample ID: 1AQ-TOM3-103112**Lab ID#: 1211056-10A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.82	20	1.9	48
Methylene Chloride	0.33	0.51	1.1	1.8

Client Sample ID: 1AQ-TOM3-103112**Lab ID#: 1211056-10B**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.58	0.16	2.9
Freon 11	0.033	0.30	0.18	1.7
1,1-Dichloroethene	0.016	0.020	0.065	0.081
Freon 113	0.033	0.099	0.25	0.76
Chloroform	0.033	0.13	0.16	0.64
Carbon Tetrachloride	0.033	0.098	0.20	0.62
Benzene	0.082	0.60	0.26	1.9
1,2-Dichloroethane	0.033	0.036	0.13	0.14
Toluene	0.033	1.6	0.12	5.9
Tetrachloroethene	0.033	0.081	0.22	0.55
Ethyl Benzene	0.033	0.20	0.14	0.88
m,p-Xylene	0.065	0.64	0.28	2.8
o-Xylene	0.033	0.25	0.14	1.1



Air Toxics

Client Sample ID: 1AQ-WCCS3-103112

Lab ID#: 1211056-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110619	Date of Collection:	10/31/12 7:23:00 AM	
Dil. Factor:	1.78	Date of Analysis:	11/6/12 09:17 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.89	9.9	2.1	23
Methylene Chloride	0.36	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS3-103112

Lab ID#: 1211056-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110619sim	Date of Collection: 10/31/12 7:23:00 AM		
Dil. Factor:	1.78	Date of Analysis: 11/6/12 09:17 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.51	0.18	2.5
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	0.25	0.20	1.4
1,1-Dichloroethene	0.018	Not Detected	0.070	Not Detected
Freon 113	0.036	0.070	0.27	0.53
1,1-Dichloroethane	0.036	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	0.060	0.17	0.29
1,1,1-Trichloroethane	0.036	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.036	0.095	0.22	0.60
Benzene	0.089	0.44	0.28	1.4
1,2-Dichloroethane	0.036	0.048	0.14	0.20
Trichloroethene	0.036	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	1.1	0.13	4.2
1,1,2-Trichloroethane	0.036	Not Detected	0.19	Not Detected
Tetrachloroethene	0.036	0.091	0.24	0.61
Chlorobenzene	0.036	Not Detected	0.16	Not Detected
Ethyl Benzene	0.036	0.18	0.15	0.77
m,p-Xylene	0.071	0.59	0.31	2.6
o-Xylene	0.036	0.22	0.15	0.97
1,4-Dichlorobenzene	0.036	0.051	0.21	0.31
1,2-Dichlorobenzene	0.036	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.64	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.70	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS4-103112

Lab ID#: 1211056-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110620	Date of Collection:	10/31/12 7:30:00 AM	
Dil. Factor:	1.73	Date of Analysis:	11/6/12 09:53 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	10	2.0	24
Methylene Chloride	0.35	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS4-103112

Lab ID#: 1211056-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110620sim	Date of Collection: 10/31/12 7:30:00 AM		
Dil. Factor:	1.73	Date of Analysis: 11/6/12 09:53 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.49	0.17	2.4
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.035	0.24	0.19	1.4
1,1-Dichloroethene	0.017	Not Detected	0.068	Not Detected
Freon 113	0.035	0.070	0.26	0.53
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.059	0.17	0.29
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.093	0.22	0.58
Benzene	0.086	0.43	0.28	1.4
1,2-Dichloroethane	0.035	0.050	0.14	0.20
Trichloroethene	0.035	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	1.1	0.13	4.2
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.093	0.23	0.63
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.17	0.15	0.75
m,p-Xylene	0.069	0.59	0.30	2.6
o-Xylene	0.035	0.22	0.15	0.96
1,4-Dichlorobenzene	0.035	0.043	0.21	0.26
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS6-103112

Lab ID#: 1211056-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110621	Date of Collection:	10/31/12 7:40:00 AM	
Dil. Factor:	1.61	Date of Analysis:	11/6/12 10:29 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.80	11	1.9	27
Methylene Chloride	0.32	0.32	1.1	1.1

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS6-103112

Lab ID#: 1211056-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110621sim	Date of Collection:	10/31/12 7:40:00 AM	
Dil. Factor:	1.61	Date of Analysis:	11/6/12 10:29 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.48	0.16	2.4
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	0.24	0.18	1.4
1,1-Dichloroethene	0.016	Not Detected	0.064	Not Detected
Freon 113	0.032	0.070	0.25	0.53
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	0.058	0.16	0.28
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.091	0.20	0.57
Benzene	0.080	0.43	0.26	1.4
1,2-Dichloroethane	0.032	0.048	0.13	0.19
Trichloroethene	0.032	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	1.1	0.12	4.2
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	0.076	0.22	0.51
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.18	0.14	0.78
m,p-Xylene	0.064	0.62	0.28	2.7
o-Xylene	0.032	0.23	0.14	1.0
1,4-Dichlorobenzene	0.032	0.045	0.19	0.27
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS7-103112

Lab ID#: 1211056-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110622	Date of Collection:	10/31/12 7:33:00 AM	
Dil. Factor:	1.65	Date of Analysis:	11/7/12 06:55 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.82	9.5	2.0	22
Methylene Chloride	0.33	0.38	1.1	1.3

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS7-103112

Lab ID#: 1211056-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110622sim	Date of Collection:	10/31/12 7:33:00 AM	
Dil. Factor:	1.65	Date of Analysis:	11/7/12 06:55 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.52	0.16	2.6
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
Freon 11	0.033	0.25	0.18	1.4
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
Freon 113	0.033	0.067	0.25	0.51
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.058	0.16	0.28
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.085	0.21	0.53
Benzene	0.082	0.46	0.26	1.4
1,2-Dichloroethane	0.033	0.051	0.13	0.20
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	1.1	0.12	4.2
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.078	0.22	0.53
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.18	0.14	0.76
m,p-Xylene	0.066	0.58	0.29	2.5
o-Xylene	0.033	0.22	0.14	0.95
1,4-Dichlorobenzene	0.033	0.038	0.20	0.23
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: 1AQ-AA1-103112

Lab ID#: 1211056-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110716	Date of Collection:	10/31/12 7:50:00 AM	
Dil. Factor:	1.78	Date of Analysis:	11/7/12 07:59 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.89	10	2.1	25
Methylene Chloride	0.36	0.43	1.2	1.5

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: 1AQ-AA1-103112

Lab ID#: 1211056-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110716sim	Date of Collection:	10/31/12 7:50:00 AM	
Dil. Factor:	1.78	Date of Analysis:	11/7/12 07:59 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.52	0.18	2.6
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	0.25	0.20	1.4
1,1-Dichloroethene	0.018	Not Detected	0.070	Not Detected
Freon 113	0.036	0.073	0.27	0.56
1,1-Dichloroethane	0.036	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.036	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.036	0.097	0.22	0.61
Benzene	0.089	1.1	0.28	3.4
1,2-Dichloroethane	0.036	Not Detected	0.14	Not Detected
Trichloroethene	0.036	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	3.7	0.13	14
1,1,2-Trichloroethane	0.036	Not Detected	0.19	Not Detected
Tetrachloroethene	0.036	0.048	0.24	0.33
Chlorobenzene	0.036	Not Detected	0.16	Not Detected
Ethyl Benzene	0.036	0.47	0.15	2.0
m,p-Xylene	0.071	1.6	0.31	6.9
o-Xylene	0.036	0.57	0.15	2.5
1,4-Dichlorobenzene	0.036	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.036	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.64	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.70	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: 1AQ-AA8-103112

Lab ID#: 1211056-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110717	Date of Collection:	10/31/12 7:45:00 AM	
Dil. Factor:	1.75	Date of Analysis:	11/7/12 08:40 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.88	9.5	2.1	22
Methylene Chloride	0.35	0.77	1.2	2.7

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: 1AQ-AA8-103112

Lab ID#: 1211056-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110717sim	Date of Collection:	10/31/12 7:45:00 AM	
Dil. Factor:	1.75	Date of Analysis:	11/7/12 08:40 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.53	0.17	2.6
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.26	0.20	1.4
1,1-Dichloroethene	0.018	0.042	0.069	0.16
Freon 113	0.035	0.070	0.27	0.54
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.054	0.17	0.26
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.084	0.22	0.53
Benzene	0.088	0.44	0.28	1.4
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	1.0	0.13	3.8
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.043	0.24	0.29
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.17	0.15	0.73
m,p-Xylene	0.070	0.52	0.30	2.3
o-Xylene	0.035	0.20	0.15	0.88
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: 1AQ-TOM1-103112

Lab ID#: 1211056-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110718	Date of Collection:	10/31/12 9:23:00 AM	
Dil. Factor:	1.69	Date of Analysis:	11/7/12 09:17 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.84	22	2.0	52
Methylene Chloride	0.34	0.41	1.2	1.4

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: 1AQ-TOM1-103112

Lab ID#: 1211056-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110718sim	Date of Collection:	10/31/12 9:23:00 AM	
Dil. Factor:	1.69	Date of Analysis:	11/7/12 09:17 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.54	0.17	2.6
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.36	0.19	2.0
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
Freon 113	0.034	0.077	0.26	0.59
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.54	0.16	2.6
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.079	0.21	0.50
Benzene	0.084	0.45	0.27	1.4
1,2-Dichloroethane	0.034	0.069	0.14	0.28
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	2.0	0.13	7.4
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.060	0.23	0.40
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.29	0.15	1.2
m,p-Xylene	0.068	0.86	0.29	3.7
o-Xylene	0.034	0.33	0.15	1.4
1,4-Dichlorobenzene	0.034	0.035	0.20	0.21
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS7-103112-K

Lab ID#: 1211056-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110719	Date of Collection:	10/31/12 7:34:00 AM	
Dil. Factor:	1.73	Date of Analysis:	11/7/12 09:54 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.86	11	2.0	27
Methylene Chloride	0.35	Not Detected	1.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: 1AQ-WCCS7-103112-K

Lab ID#: 1211056-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110719sim	Date of Collection:	10/31/12 7:34:00 AM	
Dil. Factor:	1.73	Date of Analysis:	11/7/12 09:54 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.57	0.17	2.8
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
Freon 11	0.035	0.27	0.19	1.5
1,1-Dichloroethene	0.017	Not Detected	0.068	Not Detected
Freon 113	0.035	0.070	0.26	0.54
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.064	0.17	0.31
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.086	0.22	0.54
Benzene	0.086	0.63	0.28	2.0
1,2-Dichloroethane	0.035	0.062	0.14	0.25
Trichloroethene	0.035	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	1.2	0.13	4.5
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.077	0.23	0.52
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.18	0.15	0.77
m,p-Xylene	0.069	0.60	0.30	2.6
o-Xylene	0.035	0.23	0.15	0.98
1,4-Dichlorobenzene	0.035	0.039	0.21	0.24
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: 1AQ-TOM2-103112

Lab ID#: 1211056-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110720	Date of Collection:	10/31/12 10:55:00 A	
Dil. Factor:	1.75	Date of Analysis:	11/7/12 10:40 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.88	22	2.1	52
Methylene Chloride	0.35	0.44	1.2	1.5

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	90	70-130



Air Toxics

Client Sample ID: 1AQ-TOM2-103112

Lab ID#: 1211056-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110720sim	Date of Collection: 10/31/12 10:55:00 A		
Dil. Factor:	1.75	Date of Analysis: 11/7/12 10:40 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.57	0.17	2.8
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.27	0.20	1.5
1,1-Dichloroethene	0.018	0.020	0.069	0.080
Freon 113	0.035	0.091	0.27	0.70
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.12	0.17	0.57
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.096	0.22	0.60
Benzene	0.088	0.55	0.28	1.8
1,2-Dichloroethane	0.035	0.034 J	0.14	0.14 J
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	1.6	0.13	6.1
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.084	0.24	0.57
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.20	0.15	0.85
m,p-Xylene	0.070	0.62	0.30	2.7
o-Xylene	0.035	0.23	0.15	1.0
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: 1AQ-TOM3-103112

Lab ID#: 1211056-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110721	Date of Collection:	10/31/12 10:50:00 A	
Dil. Factor:	1.63	Date of Analysis:	11/8/12 07:14 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.82	20	1.9	48
Methylene Chloride	0.33	0.51	1.1	1.8

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: 1AQ-TOM3-103112

Lab ID#: 1211056-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110721sim	Date of Collection:	10/31/12 10:50:00 A	
Dil. Factor:	1.63	Date of Analysis:	11/8/12 07:14 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.58	0.16	2.9
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
Freon 11	0.033	0.30	0.18	1.7
1,1-Dichloroethene	0.016	0.020	0.065	0.081
Freon 113	0.033	0.099	0.25	0.76
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.13	0.16	0.64
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.098	0.20	0.62
Benzene	0.082	0.60	0.26	1.9
1,2-Dichloroethane	0.033	0.036	0.13	0.14
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	1.6	0.12	5.9
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.081	0.22	0.55
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.20	0.14	0.88
m,p-Xylene	0.065	0.64	0.28	2.8
o-Xylene	0.033	0.25	0.14	1.1
1,4-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211056-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110606	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 11:08 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211056-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110606asim	Date of Collection: NA		
Dil. Factor:	1.00	Date of Analysis: 11/6/12 11:08 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211056-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110706	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/7/12 11:02 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211056-11D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110706sim	Date of Collection: NA		
Dil. Factor:	1.00	Date of Analysis: 11/7/12 11:02 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211056-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110602	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 07:32 AM

Compound	%Recovery
Acetone	83
Methylene Chloride	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211056-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110602sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 07:32 AM

Compound	%Recovery
Freon 12	99
Vinyl Chloride	79
Freon 11	99
1,1-Dichloroethene	86
Freon 113	92
1,1-Dichloroethane	88
cis-1,2-Dichloroethene	88
Chloroform	90
1,1,1-Trichloroethane	98
Carbon Tetrachloride	97
Benzene	76
1,2-Dichloroethane	97
Trichloroethene	89
trans-1,3-Dichloropropene	106
Toluene	77
1,1,2-Trichloroethane	98
Tetrachloroethene	89
Chlorobenzene	86
Ethyl Benzene	90
m,p-Xylene	92
o-Xylene	95
1,4-Dichlorobenzene	97
1,2-Dichlorobenzene	108
1,1,2,2-Tetrachloroethane	89
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211056-12C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110702	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/7/12 08:01 AM

Compound	%Recovery
Acetone	85
Methylene Chloride	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211056-12D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110702sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/7/12 08:01 AM

Compound	%Recovery
Freon 12	99
Vinyl Chloride	79
Freon 11	100
1,1-Dichloroethene	88
Freon 113	94
1,1-Dichloroethane	92
cis-1,2-Dichloroethene	92
Chloroform	92
1,1,1-Trichloroethane	98
Carbon Tetrachloride	96
Benzene	80
1,2-Dichloroethane	100
Trichloroethene	92
trans-1,3-Dichloropropene	108
Toluene	80
1,1,2-Trichloroethane	103
Tetrachloroethene	92
Chlorobenzene	89
Ethyl Benzene	93
m,p-Xylene	94
o-Xylene	97
1,4-Dichlorobenzene	96
1,2-Dichlorobenzene	107
1,1,2,2-Tetrachloroethane	94
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	91

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211056-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110603	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 08:17 AM

Compound	%Recovery
Acetone	76
Methylene Chloride	77

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211056-13AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110604	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 09:10 AM

Compound	%Recovery
Acetone	78
Methylene Chloride	77

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211056-13B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110603sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/6/12 08:17 AM

Compound	%Recovery
Freon 12	86
Vinyl Chloride	71
Freon 11	86
1,1-Dichloroethene	80
Freon 113	82
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	78
Chloroform	80
1,1,1-Trichloroethane	86
Carbon Tetrachloride	99
Benzene	67 Q
1,2-Dichloroethane	85
Trichloroethene	78
trans-1,3-Dichloropropene	88
Toluene	68 Q
1,1,2-Trichloroethane	84
Tetrachloroethene	76
Chlorobenzene	76
Ethyl Benzene	80
m,p-Xylene	83
o-Xylene	85
1,4-Dichlorobenzene	83
1,2-Dichlorobenzene	94
1,1,2,2-Tetrachloroethane	78
Methyl tert-butyl ether	82
trans-1,2-Dichloroethene	87

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211056-13BB

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110604sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/6/12 09:10 AM

Compound	%Recovery
Freon 12	86
Vinyl Chloride	71
Freon 11	86
1,1-Dichloroethene	80
Freon 113	82
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	78
Chloroform	80
1,1,1-Trichloroethane	86
Carbon Tetrachloride	99
Benzene	68 Q
1,2-Dichloroethane	84
Trichloroethene	78
trans-1,3-Dichloropropene	89
Toluene	68 Q
1,1,2-Trichloroethane	86
Tetrachloroethene	77
Chlorobenzene	76
Ethyl Benzene	78
m,p-Xylene	81
o-Xylene	82
1,4-Dichlorobenzene	80
1,2-Dichlorobenzene	91
1,1,2,2-Tetrachloroethane	78
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	88

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211056-13C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110703	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/7/12 08:44 AM

Compound	%Recovery
Acetone	90
Methylene Chloride	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211056-13CC

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110704	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/7/12 09:26 AM

Compound	%Recovery
Acetone	84
Methylene Chloride	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211056-13D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110703sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/7/12 08:44 AM

Compound	%Recovery
Freon 12	109
Vinyl Chloride	96
Freon 11	103
1,1-Dichloroethene	97
Freon 113	99
1,1-Dichloroethane	96
cis-1,2-Dichloroethene	96
Chloroform	97
1,1,1-Trichloroethane	105
Carbon Tetrachloride	126
Benzene	84
1,2-Dichloroethane	103
Trichloroethene	96
trans-1,3-Dichloropropene	114
Toluene	87
1,1,2-Trichloroethane	107
Tetrachloroethene	94
Chlorobenzene	94
Ethyl Benzene	98
m,p-Xylene	101
o-Xylene	105
1,4-Dichlorobenzene	102
1,2-Dichlorobenzene	116
1,1,2,2-Tetrachloroethane	101
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211056-13DD

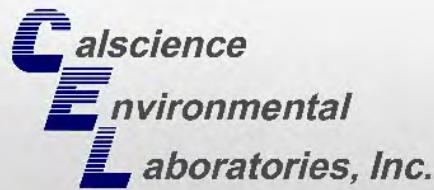
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	v110704sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/7/12 09:26 AM

Compound	%Recovery
Freon 12	98
Vinyl Chloride	88
Freon 11	93
1,1-Dichloroethene	91
Freon 113	91
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	91
Chloroform	90
1,1,1-Trichloroethane	96
Carbon Tetrachloride	114
Benzene	81
1,2-Dichloroethane	94
Trichloroethene	87
trans-1,3-Dichloropropene	109
Toluene	76
1,1,2-Trichloroethane	101
Tetrachloroethene	90
Chlorobenzene	88
Ethyl Benzene	91
m,p-Xylene	95
o-Xylene	96
1,4-Dichlorobenzene	94
1,2-Dichlorobenzene	106
1,1,2,2-Tetrachloroethane	90
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	104	70-130



CALSCIENCE

WORK ORDER NUMBER: 12-11-0063

The difference is service



AIR SOIL WATER MARINE CHEMISTRY

Analytical Report For

Client: CDM Smith Inc.

Client Project Name: Omega IAQ / 10500

Attention: Sharon Wallin
111 Academy
Suite 150
Irvine, CA 92617-3000

Approved for release on 11/08/2012 by:
Stephen Nowak
Project Manager

[ResultLink ▶](#)

[Email your PM ▶](#)



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NELAP ID: 03220CA | DoD-ELAP ID: L10-41 | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

Client: CDM Smith Inc.
 111 Academy
 Suite 150
 Attn: Sharon Wallin

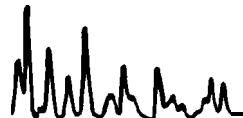
Work Order: 12-11-0063
 Project name: Omega IAQ / 10500
 Received: 11/01/12 15:54

DETECTIONS SUMMARY

Client Sample ID

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
IAQ-ROP1-103112-K2 (12-11-0063-1)						
Dichlorodifluoromethane	0.43		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Trichlorofluoromethane	0.23		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
1,1-Dichloroethene	0.016		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
Methylene Chloride	0.37		0.20	ppb (v/v)	EPA TO-15 SIM	N/A
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.076		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Chloroform	0.052		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
1,2-Dichloroethane	0.026		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
1,4-Dichlorobenzene	0.028		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Acetone	9.6		2.5	ppb (v/v)	EPA TO-15 SIM	N/A
Benzene	0.54		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Carbon Tetrachloride	0.082		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
Toluene	1.3		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Trichloroethene	0.080		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
Tetrachloroethene	0.068		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Ethylbenzene	0.24		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
p/m-Xylene	0.71		0.040	ppb (v/v)	EPA TO-15 SIM	N/A
o-Xylene	0.29		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
IAQ-TOM1-103112-K2 (12-11-0063-2)						
Dichlorodifluoromethane	0.50		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Trichlorofluoromethane	0.39		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
1,1-Dichloroethene	0.012		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
Methylene Chloride	0.42		0.20	ppb (v/v)	EPA TO-15 SIM	N/A
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.087		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Chloroform	0.52		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
1,2-Dichloroethane	0.071		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
1,4-Dichlorobenzene	0.091		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Acetone	19		2.5	ppb (v/v)	EPA TO-15 SIM	N/A
Benzene	0.55		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Carbon Tetrachloride	0.082		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
Toluene	2.3		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Trichloroethene	0.021		0.010	ppb (v/v)	EPA TO-15 SIM	N/A
Tetrachloroethene	0.073		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
Ethylbenzene	0.52		0.020	ppb (v/v)	EPA TO-15 SIM	N/A
p/m-Xylene	1.1		0.040	ppb (v/v)	EPA TO-15 SIM	N/A
o-Xylene	0.44		0.020	ppb (v/v)	EPA TO-15 SIM	N/A

*MDL is shown.



Client: CDM Smith Inc.
111 Academy
Suite 150
Attn: Sharon Wallin

Work Order: 12-11-0063
Project name: Omega IAQ / 10500
Received: 11/01/12 15:54

DETECTIONS SUMMARY

Client Sample ID

Client Sample ID	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
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Subcontracted analyses, if any, are not included in this summary.

*MDL is shown.



Client: CDM Smith Inc.
 111 Academy
 Suite 150
 Attn: Sharon Wallin

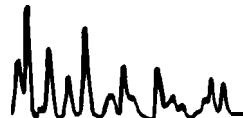
Work Order: 12-11-0063
 Project name: Omega IAQ / 10500
 Received: 11/01/12 15:54

DETECTIONS SUMMARY

Client Sample ID

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
IAQ-ROP1-103112-K2 (12-11-0063-1)						
Dichlorodifluoromethane	2.1		0.099	ug/m3	EPA TO-15 SIM	N/A
Trichlorofluoromethane	1.3		0.11	ug/m3	EPA TO-15 SIM	N/A
1,1-Dichloroethene	0.065		0.040	ug/m3	EPA TO-15 SIM	N/A
Methylene Chloride	1.3		0.69	ug/m3	EPA TO-15 SIM	N/A
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.58		0.15	ug/m3	EPA TO-15 SIM	N/A
Chloroform	0.26		0.049	ug/m3	EPA TO-15 SIM	N/A
1,2-Dichloroethane	0.10		0.040	ug/m3	EPA TO-15 SIM	N/A
1,4-Dichlorobenzene	0.17		0.12	ug/m3	EPA TO-15 SIM	N/A
Acetone	23		5.9	ug/m3	EPA TO-15 SIM	N/A
Benzene	1.7		0.064	ug/m3	EPA TO-15 SIM	N/A
Carbon Tetrachloride	0.52		0.063	ug/m3	EPA TO-15 SIM	N/A
Toluene	4.9		0.075	ug/m3	EPA TO-15 SIM	N/A
Trichloroethene	0.43		0.054	ug/m3	EPA TO-15 SIM	N/A
Tetrachloroethene	0.46		0.14	ug/m3	EPA TO-15 SIM	N/A
Ethylbenzene	1.0		0.087	ug/m3	EPA TO-15 SIM	N/A
p/m-Xylene	3.1		0.17	ug/m3	EPA TO-15 SIM	N/A
o-Xylene	1.3		0.087	ug/m3	EPA TO-15 SIM	N/A
IAQ-TOM1-103112-K2 (12-11-0063-2)						
Dichlorodifluoromethane	2.5		0.099	ug/m3	EPA TO-15 SIM	N/A
Trichlorofluoromethane	2.2		0.11	ug/m3	EPA TO-15 SIM	N/A
1,1-Dichloroethene	0.048		0.040	ug/m3	EPA TO-15 SIM	N/A
Methylene Chloride	1.5		0.69	ug/m3	EPA TO-15 SIM	N/A
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.66		0.15	ug/m3	EPA TO-15 SIM	N/A
Chloroform	2.5		0.049	ug/m3	EPA TO-15 SIM	N/A
1,2-Dichloroethane	0.29		0.040	ug/m3	EPA TO-15 SIM	N/A
1,4-Dichlorobenzene	0.54		0.12	ug/m3	EPA TO-15 SIM	N/A
Acetone	45		5.9	ug/m3	EPA TO-15 SIM	N/A
Benzene	1.8		0.064	ug/m3	EPA TO-15 SIM	N/A
Carbon Tetrachloride	0.52		0.063	ug/m3	EPA TO-15 SIM	N/A
Toluene	8.7		0.075	ug/m3	EPA TO-15 SIM	N/A
Trichloroethene	0.11		0.054	ug/m3	EPA TO-15 SIM	N/A
Tetrachloroethene	0.50		0.14	ug/m3	EPA TO-15 SIM	N/A
Ethylbenzene	2.2		0.087	ug/m3	EPA TO-15 SIM	N/A
p/m-Xylene	4.6		0.17	ug/m3	EPA TO-15 SIM	N/A
o-Xylene	1.9		0.087	ug/m3	EPA TO-15 SIM	N/A

*MDL is shown.



Client: CDM Smith Inc.
111 Academy
Suite 150
Attn: Sharon Wallin

Work Order: 12-11-0063
Project name: Omega IAQ / 10500
Received: 11/01/12 15:54

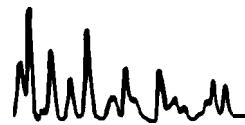
DETECTIONS SUMMARY

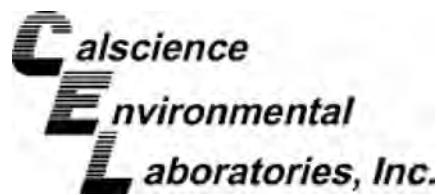
Client Sample ID

Client Sample ID	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
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Subcontracted analyses, if any, are not included in this summary.

*MDL is shown.





Analytical Report



CDM Smith Inc.
111 Academy
Suite 150
Irvine, CA 92617-3000

Date Received: 11/01/12
Work Order No: 12-11-0063
Preparation: N/A
Method: EPA TO-15 SIM
Units: ppb (v/v)

Project: Omega IAQ / 10500

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IAQ-ROP1-103112-K2	12-11-0063-1-A	10/31/12 14:45	Air	GC/MS KK	N/A	11/01/12 19:36	121101L01

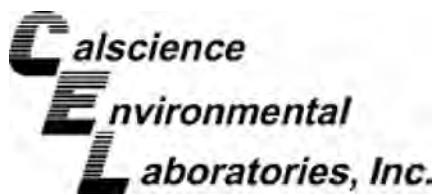
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dichlorodifluoromethane	0.43	0.020	1		Chlorobenzene	ND	0.020	1	
Vinyl Chloride	ND	0.010	1		1,1,1-Trichloroethane	ND	0.020	1	
Trichlorodifluoromethane	0.23	0.020	1		1,2-Dichlorobenzene	ND	0.020	1	
1,1-Dichloroethene	0.016	0.010	1		Benzene	0.54	0.020	1	
Methylene Chloride	0.37	0.20	1		Carbon Tetrachloride	0.082	0.010	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.076	0.020	1		1,1,2-Trichloroethane	ND	0.020	1	
t-1,2-Dichloroethene	ND	0.10	1		Toluene	1.3	0.020	1	
1,1-Dichloroethane	ND	0.020	1		Trichloroethene	0.080	0.010	1	
c-1,2-Dichloroethene	ND	0.020	1		Tetrachloroethene	0.068	0.020	1	
Chloroform	0.052	0.010	1		Ethylbenzene	0.24	0.020	1	
1,2-Dichloroethane	0.026	0.010	1		p/m-Xylene	0.71	0.040	1	
1,4-Dichlorobenzene	0.028	0.020	1		1,1,2,2-Tetrachloroethane	ND	0.020	1	
t-1,3-Dichloropropene	ND	0.020	1		o-Xylene	0.29	0.020	1	
Acetone	9.6	2.5	5		Methyl-t-Butyl Ether (MTBE)	ND	0.10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	
1,4-Bromofluorobenzene	91	45-153			1,2-Dichloroethane-d4	73	37-163		
Toluene-d8	88	73-121							

IAQ-TOM1-103112-K2	12-11-0063-2-A	10/31/12 17:23	Air	GC/MS KK	N/A	11/01/12 21:22	121101L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dichlorodifluoromethane	0.50	0.020	1		1,4-Dichlorobenzene	0.091	0.020	1	
Vinyl Chloride	ND	0.010	1		Acetone	19	2.5	5	
Trichlorodifluoromethane	0.39	0.020	1		Chlorobenzene	ND	0.020	1	
1,1-Dichloroethene	0.012	0.010	1		Benzene	0.55	0.020	1	
Methylene Chloride	0.42	0.20	1		Carbon Tetrachloride	0.082	0.010	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.087	0.020	1		1,1,2-Trichloroethane	ND	0.020	1	
t-1,2-Dichloroethene	ND	0.10	1		Toluene	2.3	0.020	1	
1,1-Dichloroethane	ND	0.020	1		Trichloroethene	0.021	0.010	1	
c-1,2-Dichloroethene	ND	0.020	1		Tetrachloroethene	0.073	0.020	1	
Chloroform	0.52	0.010	1		Ethylbenzene	0.52	0.020	1	
1,2-Dichloroethane	0.071	0.010	1		p/m-Xylene	1.1	0.040	1	
t-1,3-Dichloropropene	ND	0.020	1		1,1,2,2-Tetrachloroethane	ND	0.020	1	
1,2-Dichlorobenzene	ND	0.020	1		o-Xylene	0.44	0.020	1	
1,1,1-Trichloroethane	ND	0.020	1		Methyl-t-Butyl Ether (MTBE)	ND	0.10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	
1,4-Bromofluorobenzene	93	45-153			1,2-Dichloroethane-d4	73	37-163		
Toluene-d8	93	73-121							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



CDM Smith Inc.
111 Academy
Suite 150
Irvine, CA 92617-3000

Date Received: 11/01/12
Work Order No: 12-11-0063
Preparation: N/A
Method: EPA TO-15 SIM
Units: ppb (v/v)

Project: Omega IAQ / 10500

Page 2 of 2

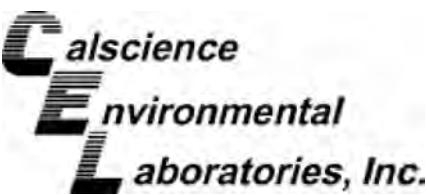
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-15-188-18	N/A	Air	GC/MS KK	N/A	11/01/12 14:02	121101L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dichlorodifluoromethane	ND	0.020	1		Acetone	ND	0.50	1	
Vinyl Chloride	ND	0.010	1		t-1,3-Dichloropropene	ND	0.020	1	
Trichlorofluoromethane	ND	0.020	1		Chlorobenzene	ND	0.020	1	
1,1-Dichloroethene	ND	0.010	1		Benzene	ND	0.020	1	
Methylene Chloride	ND	0.20	1		Carbon Tetrachloride	ND	0.010	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.020	1		1,1,2-Trichloroethane	ND	0.020	1	
t-1,2-Dichloroethene	ND	0.10	1		Toluene	ND	0.020	1	
1,1-Dichloroethane	ND	0.020	1		Trichloroethene	ND	0.010	1	
c-1,2-Dichloroethene	ND	0.020	1		Tetrachloroethene	ND	0.020	1	
Chloroform	ND	0.010	1		Ethylbenzene	ND	0.020	1	
1,2-Dichloroethane	ND	0.010	1		p/m-Xylene	ND	0.040	1	
1,2-Dichlorobenzene	ND	0.020	1		1,1,2,2-Tetrachloroethane	ND	0.020	1	
1,1,1-Trichloroethane	ND	0.020	1		o-Xylene	ND	0.020	1	
1,4-Dichlorobenzene	ND	0.020	1		Methyl-t-Butyl Ether (MTBE)	ND	0.10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	90	45-153			1,2-Dichloroethane-d4	76	37-163		
Toluene-d8	87	73-121							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



CDM Smith Inc.
111 Academy
Suite 150
Irvine, CA 92617-3000

Date Received: 11/01/12
Work Order No: 12-11-0063
Preparation: N/A
Method: EPA TO-15 SIM
Units: ug/m3

Project: Omega IAQ / 10500

Page 1 of 2

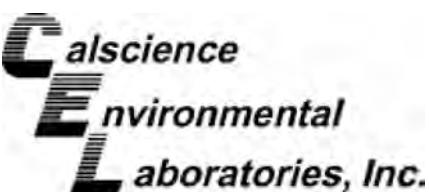
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IAQ-ROP1-103112-K2	12-11-0063-1-A	10/31/12 14:45	Air	GC/MS KK	N/A	11/01/12 19:36	121101L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dichlorodifluoromethane	2.1	0.099	1		Chlorobenzene	ND	0.092	1	
Vinyl Chloride	ND	0.026	1		1,1,1-Trichloroethane	ND	0.11	1	
Trichlorodifluoromethane	1.3	0.11	1		1,2-Dichlorobenzene	ND	0.12	1	
1,1-Dichloroethene	0.065	0.040	1		Benzene	1.7	0.064	1	
Methylene Chloride	1.3	0.69	1		Carbon Tetrachloride	0.52	0.063	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.58	0.15	1		1,1,2-Trichloroethane	ND	0.11	1	
t-1,2-Dichloroethene	ND	0.40	1		Toluene	4.9	0.075	1	
1,1-Dichloroethane	ND	0.081	1		Trichloroethene	0.43	0.054	1	
c-1,2-Dichloroethene	ND	0.079	1		Tetrachloroethene	0.46	0.14	1	
Chloroform	0.26	0.049	1		Ethylbenzene	1.0	0.087	1	
1,2-Dichloroethane	0.10	0.040	1		p/m-Xylene	3.1	0.17	1	
1,4-Dichlorobenzene	0.17	0.12	1		1,1,2-Tetrachloroethane	ND	0.14	1	
t-1,3-Dichloropropene	ND	0.091	1		o-Xylene	1.3	0.087	1	
Acetone	23	5.9	5		Methyl-t-Butyl Ether (MTBE)	ND	0.36	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	
1,4-Bromofluorobenzene	91	45-153			1,2-Dichloroethane-d4	73	37-163		
Toluene-d8	88	73-121							

IAQ-TOM1-103112-K2	12-11-0063-2-A	10/31/12 17:23	Air	GC/MS KK	N/A	11/01/12 21:22	121101L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dichlorodifluoromethane	2.5	0.099	1		1,4-Dichlorobenzene	0.54	0.12	1	
Vinyl Chloride	ND	0.026	1		Acetone	45	5.9	5	
Trichlorodifluoromethane	2.2	0.11	1		Chlorobenzene	ND	0.092	1	
1,1-Dichloroethene	0.048	0.040	1		Benzene	1.8	0.064	1	
Methylene Chloride	1.5	0.69	1		Carbon Tetrachloride	0.52	0.063	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.66	0.15	1		1,1,2-Trichloroethane	ND	0.11	1	
t-1,2-Dichloroethene	ND	0.40	1		Toluene	8.7	0.075	1	
1,1-Dichloroethane	ND	0.081	1		Trichloroethene	0.11	0.054	1	
c-1,2-Dichloroethene	ND	0.079	1		Tetrachloroethene	0.50	0.14	1	
Chloroform	2.5	0.049	1		Ethylbenzene	2.2	0.087	1	
1,2-Dichloroethane	0.29	0.040	1		p/m-Xylene	4.6	0.17	1	
t-1,3-Dichloropropene	ND	0.091	1		1,1,2,2-Tetrachloroethane	ND	0.14	1	
1,2-Dichlorobenzene	ND	0.12	1		o-Xylene	1.9	0.087	1	
1,1,1-Trichloroethane	ND	0.11	1		Methyl-t-Butyl Ether (MTBE)	ND	0.36	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>	<u>Limits</u>	
1,4-Bromofluorobenzene	93	45-153			1,2-Dichloroethane-d4	73	37-163		
Toluene-d8	93	73-121							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



CDM Smith Inc.
111 Academy
Suite 150
Irvine, CA 92617-3000

Date Received: 11/01/12
Work Order No: 12-11-0063
Preparation: N/A
Method: EPA TO-15 SIM
Units: ug/m3

Project: Omega IAQ / 10500

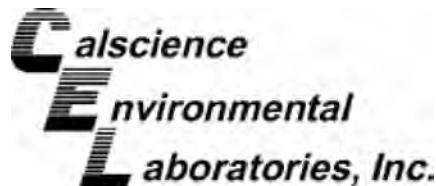
Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-15-188-18	N/A	Air	GC/MS KK	N/A	11/01/12 14:02	121101L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dichlorodifluoromethane	ND	0.099	1		Acetone	ND	1.2	1	
Vinyl Chloride	ND	0.026	1		t-1,3-Dichloropropene	ND	0.091	1	
Trichlorofluoromethane	ND	0.11	1		Chlorobenzene	ND	0.092	1	
1,1-Dichloroethene	ND	0.040	1		Benzene	ND	0.064	1	
Methylene Chloride	ND	0.69	1		Carbon Tetrachloride	ND	0.063	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.15	1		1,1,2-Trichloroethane	ND	0.11	1	
t-1,2-Dichloroethene	ND	0.40	1		Toluene	ND	0.075	1	
1,1-Dichloroethane	ND	0.081	1		Trichloroethene	ND	0.054	1	
c-1,2-Dichloroethene	ND	0.079	1		Tetrachloroethene	ND	0.14	1	
Chloroform	ND	0.049	1		Ethylbenzene	ND	0.087	1	
1,2-Dichloroethane	ND	0.040	1		p/m-Xylene	ND	0.17	1	
1,2-Dichlorobenzene	ND	0.12	1		1,1,2,2-Tetrachloroethane	ND	0.14	1	
1,1,1-Trichloroethane	ND	0.11	1		o-Xylene	ND	0.087	1	
1,4-Dichlorobenzene	ND	0.12	1		Methyl-t-Butyl Ether (MTBE)	ND	0.36	1	
<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control</u>	<u>Qual</u>
1,4-Bromofluorobenzene		90	45-153		1,2-Dichloroethane-d4		76	37-163	
Toluene-d8		87	73-121						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Quality Control - LCS/LCS Duplicate



CDM Smith Inc.
111 Academy
Suite 150
Irvine, CA 92617-3000

Date Received: N/A
Work Order No: 12-11-0063
Preparation: N/A
Method: EPA TO-15 SIM

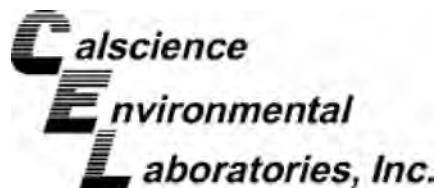
Project: Omega IAQ / 10500

Quality Control Sample ID		Matrix	Instrument		Date Prepared		Date Analyzed		LCS/LCSD Batch Number	
099-15-188-18		Air	GC/MS KK		N/A		11/01/12		121101L01	
Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Dichlorodifluoromethane	0.5000	0.4326	87	0.4290	86	50-150	33-167	1	0-30	
Chloromethane	0.5000	0.4575	92	0.4660	93	50-150	33-167	2	0-30	
Vinyl Chloride	0.5000	0.4761	95	0.4887	98	44-140	28-156	3	0-33	
Chloroethane	0.5000	0.4677	94	0.4750	95	50-150	33-167	2	0-30	
Trichlorofluoromethane	0.5000	0.4548	91	0.4529	91	50-150	33-167	0	0-30	
1,1-Dichloroethene	0.5000	0.5574	111	0.5655	113	50-150	33-167	1	0-30	
Methylene Chloride	0.5000	0.4647	93	0.4660	93	50-150	33-167	0	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5000	0.4740	95	0.4718	94	50-150	33-167	0	0-30	
t-1,2-Dichloroethene	0.5000	0.4113	82	0.4121	82	50-150	33-167	0	0-30	
1,1-Dichloroethane	0.5000	0.4384	88	0.4355	87	50-150	33-167	1	0-30	
c-1,2-Dichloroethene	0.5000	0.4052	81	0.4049	81	35-165	13-187	0	0-35	
Chloroform	0.5000	0.4376	88	0.4341	87	50-150	33-167	1	0-30	
1,2-Dichloroethane	0.5000	0.4435	89	0.4384	88	28-166	5-189	1	0-40	
1,2,4-Trimethylbenzene	0.5000	0.5698	114	0.5812	116	50-150	33-167	2	0-30	
1,3,5-Trimethylbenzene	0.5000	0.5734	115	0.5976	120	50-150	33-167	4	0-30	
4-Ethyltoluene	0.5000	0.5587	112	0.5831	117	50-150	33-167	4	0-30	
Chlorobenzene	0.5000	0.5450	109	0.5391	108	50-150	33-167	1	0-30	
t-1,3-Dichloropropene	0.5000	0.3939	79	0.3872	77	50-150	33-167	2	0-30	
1,1,1-Trichloroethane	0.5000	0.4631	93	0.4425	88	50-150	33-167	5	0-30	
1,1-Difluoroethane	0.5000	0.4501	90	0.4395	88	50-150	33-167	2	0-30	
Benzene	0.5000	0.4160	83	0.4013	80	27-153	6-174	4	0-34	
Carbon Tetrachloride	0.5000	0.4907	98	0.4693	94	7-187	0-217	4	0-31	
Bromodichloromethane	0.5000	0.4475	90	0.4293	86	50-150	33-167	4	0-30	
1,1,2-Trichloroethane	0.5000	0.4646	93	0.4529	91	27-171	3-195	3	0-38	
Toluene	0.5000	0.4215	84	0.4538	91	28-154	7-175	7	0-42	
Dibromochloromethane	0.5000	0.5431	109	0.5722	114	50-150	33-167	5	0-30	
Trichloroethene	0.5000	0.5579	112	0.5367	107	43-139	27-155	4	0-31	
Tetrachloroethene	0.5000	0.4913	98	0.4967	99	34-154	14-174	1	0-33	
Ethylbenzene	0.5000	0.4824	96	0.4718	94	27-153	6-174	2	0-46	
p/m-Xylene	1.000	1.039	104	1.043	104	21-165	0-189	0	0-51	
1,1,2,2-Tetrachloroethane	0.5000	0.4469	89	0.4509	90	50-150	33-167	1	0-30	
o-Xylene	0.5000	0.5224	104	0.5244	105	22-160	0-183	0	0-48	

RPD - Relative Percent Difference , CL - Control Limit



7440 Lincoln Way, Garden Grove, CA 92841-1427 . TEL:(714) 895-5494 . FAX: (714) 894-7501



Quality Control - LCS/LCS Duplicate



CDM Smith Inc.
111 Academy
Suite 150
Irvine, CA 92617-3000

Date Received: N/A
Work Order No: 12-11-0063
Preparation: N/A
Method: EPA TO-15 SIM

Project: Omega IAQ / 10500

Quality Control Sample ID		Matrix	Instrument		Date Prepared		Date Analyzed		LCS/LCSD Batch Number	
099-15-188-18		Air	GC/MS KK		N/A		11/01/12		121101L01	
Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Hexachloro-1,3-Butadiene	0.5000	0.5861	117	0.6014	120	50-150	33-167	3	0-30	
Methyl-t-Butyl Ether (MTBE)	0.5000	0.4503	90	0.4555	91	50-150	33-167	1	0-30	
Naphthalene	0.5000	0.4640	93	0.4752	95	40-190	15-215	2	0-30	

Total number of LCS compounds : 35

Total number of ME compounds : 0

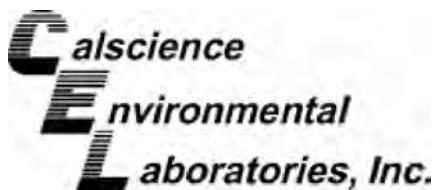
Total number of ME compounds allowed : 2

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



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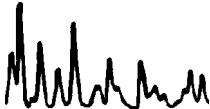


Glossary of Terms and Qualifiers



Work Order Number: 12-11-0063

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	MPN - Most Probable Number



Calscience Environmental Laboratories, Inc.

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 FAX: (714) 894-7501

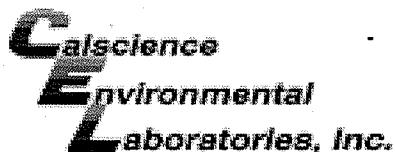
AIR CHAIN OF CUSTODY RECORD

DATE: 10/31/12

PAGE: 1 OF 1

LABORATORY CLIENT: CDM SMITH		CLIENT PROJECT NAME / NUMBER: ONCEA IAQ / 10500		P.O.NO.:							
ADDRESS: Academy Ste. 150		PROJECT ADDRESS: Whittier		LAB CONTACT OR QUOTE NO.:							
CITY: Irvine	STATE: CA	ZIP: 92617	STATE: CA	ZIP: CA							
TELEPHONE: (714) 752-5452	EMAIL: WdillinsFC.dmsmith.com	PROJECT CONTACT: MARY ANN BEGAY	SAMPLER(S): (NAME / SIGNATURE) NB	LAB USE ONLY 12-11-0063							
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS		REQUESTED ANALYSES									
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> EDD											
SPECIAL INSTRUCTIONS:											
LAB USE ONLY	SAMPLE ID	FIELD ID / Point of Collection	Sampling Equipment			Start Sampling Information			Stop Sampling Information		
			Air Type (<input type="checkbox"/> Indoor <input type="checkbox"/> Soil Vap. <input type="checkbox"/> Ambient)	Canister Size: 6L or 1L ID#:	Controller ID #:	Date	Time (24 hr clock)	Canister Pressure ("Hg)	Date	Time (24 hr clock)	Canister Pressure ("Hg)
1	IAQ-ROP1-103112-K2	ROP1	1	D117	6L	FC101	10/31/12	0700	-30	10/31	1445
2	IAQ-TOM1-103112-K2	TOM1	1	D777	6L	FC2448	10/31/12	0923	-30	10/31	1723
3											
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Relinquished by: (Signature) 			Received by: (Signature) 			Date: <u>10/31/12</u>			Time: <u>1554</u>		
Relinquished by: (Signature) 			Received by: (Signature) 			Date: <u>10/31/12</u>			Time: <u>1554</u>		
Relinquished by: (Signature) 			Received by: (Signature) 			Date: <u>10/31/12</u>			Time: <u>1554</u>		

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.



WORK ORDER #: 12-11-0063

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: CDM SMITH

DATE: 11/01/12

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0 °C – 6.0 °C, not frozen)Temperature ____ . ____ °C - 0.3 °C (CF) = ____ . ____ °C Blank Sample Sample(s) outside temperature criteria (PM/APM contacted by: _____). Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling. Received at ambient temperature, placed on ice for transport by Courier.Ambient Temperature: Air Filter

Initial: JU

CUSTODY SEALS INTACT:

<input type="checkbox"/> Cooler	<input type="checkbox"/> _____	<input type="checkbox"/> No (Not Intact)	<input type="checkbox"/> Not Present	<input checked="" type="checkbox"/> N/A	Initial: JU
<input type="checkbox"/> Sample	<input type="checkbox"/> _____	<input type="checkbox"/> No (Not Intact)	<input checked="" type="checkbox"/> Not Present	<input checked="" type="checkbox"/> N/A	Initial: JU

SAMPLE CONDITION:

Yes No N/A

Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® _____Water: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs 500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PBna 500PB 250PB 250PBn 125PB 125PBznna 100PJ 100PJna₂ _____ _____ _____Air: Tedlar® Canister Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: JU

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope

Reviewed by: JU

Preservative: h: HCL n: HNO₃ na₂:Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure znna: ZnAc₂+NaOH f: Filtered

Scanned by: JU